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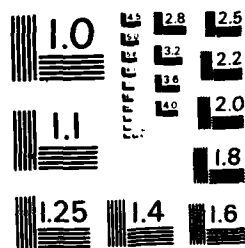
WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83
USAFETAC/DS-83/004 SBI-AD-E850 388 F/G

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963

AD A128118

DTIC ACCESSION NUMBER

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**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

TATULINA AFS AK MSC# 702315
N 62 53 W 155 58 ELEV: 964 FT PATL

PARTS A-F HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 73 - DEC 81
SUMMARY OF DAY DATA: AUG 53 - DEC 81

TIME CONVERSION GMT TO LST: -10

21 MAR 1983

2 MAR 1983

**FEDERAL BUILDING
ASHEVILLE, N. C.**

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REVIEW AND APPROVAL STATEMENT

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This technical report has been reviewed and is approved for publication.

Wayne E. McCollom
WAYNE E. MCCOLLOM
Chief, Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burmann
WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

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 SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS 83/004	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- TATALINA AFS, ALASKA		5. TYPE OF REPORT & PERIOD COVERED Final rept															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for TATALINA AFS, ALASKA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)																	

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*ALASKA

*TATALINA AFS

*

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

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The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WHO number with the addition of a suffix zero; or, in cases where there is no designated WHO number, a 5-digit number created in agreement with WHO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather observations and the number of presentations. Publications are prepared from hourly and daily observations recorded by stations operated by the U. S. Service and some foreign stations using similar reporting practices.

Notes: Otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO. OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT)	CALL SIGN	WMO NUMBER
702315	TATALINA ALASKA AFS	N 62 53	W 155 58	964	PATL	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OSS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Tatalina AFS Alaska	AFS	Jul 52	Feb 56	N 62 54	W 155 59	964	939Ft	14 to 24
2	No Change	AFS	Mar 56	Feb 59	No Change	No Change	937	No Change	19 to 24
3	No Change	AFS	Mar 59	Feb 61	No Change	No Change	960	No Change	19
4	No Change	AFS	Mar 61	Sep 63	N 62 53	W 155 58	No Change	No Change	19
5	No Change	AFS	Oct 63	24 Jan 67	No Change	No Change	940	897Ft	19 to 24
6	No Change	AFS	25 Jan 67	Dec 70	No Change	No Change	974	931Ft	14 to 24
7	Same	AFS	Jan 71	Feb 83	Same	Same	964	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
1	Jul 52 to Feb 54	Located on top of Weather Station.	Anemometer	Indicator ML-117	9Ft	
2	Mar 54 to Feb 61	No Change	AN/GMQ-1	ML-204B	25Ft	
3	Mar 61 to Feb 64	Located 900 ft N of Weather Station.	AN/GMQ-1	Ind. ID373	13Ft	
4	Mar 64 to Feb 65	Located 150 ft E of Rnwy center line and 250 ft W of S end of Rnwy.	No Change	No Change	No Chge	
5	Mar 65 to 23 Jan 67	Located along E side of Rnwy. that runs N-S approx. 3/8 mile from S end.	No Change	No Change	No Chge	
6	24 Jan 67 to 25 Mar 67	Located on 150 ft dropback midway along the Rnwy.	No Change	RO-2	No Chge	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECEIVER	HT. ABOVE GROUND	
7	26Mar67to 24Apr 67	Located along E side of Rwy that runs N-S approx. 3/8 mile from S end.	No Change	Ind. ID-377	No Chge	
8	25Apr67to Dec 70	No Change	No Change	RO-2	No Chge	
9	Feb 83	Same	Same	Same	Same	

MAC-0 APR 83 10-0000

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not equal the total observations with reduced visibility.

1
2

JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7-13-5 TATALLINA AFS AK

73-61

STATION

STATION NAME

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	0-24		.3	.5	14.9		15.2	9.1		.5		9.6	719
	03-06		.6	.3	17.4		18.0	10.0		.1		1.1	799
	06-09		.3	.1	17.2		17.8	10.6				1.6	717
	09-12		.5	.2	15.3		15.7	12.4		.2		1.7	814
	12-15		.6	.4	19.1		20.0	11.3		.1		1.4	717
	15-18		1.0	.3	16.4		17.7	9.2				5.0	716
	18-21		.7	.5	12.6		13.6	9.4				7.4	714
	21-24		.2	.2	15.8		16.3	10.0				1.0	448
TOTALS			.6	.3	15.1		16.8	10.3		.1		10.4	5536

6 GLOBAL CLIMATOLOGY BRANCH
 2 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2315 TATALINA AFS AK 73-81 FE-
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	02-02		.3		13.0		13.0	5.0				5.0	67
	03-05		.4	.3	14.6		15.1	6.0				6.0	72
	06-08		1.0	.3	15.6		16.2	8.6				8.8	736
	09-11		.3	.4	15.3		15.7	7.9		.1		8.0	737
	12-14		.3	.4	13.1		13.4	5.6				6.0	738
	15-17		1.3	.7	12.6		14.0	6.4				6.4	677
	18-20		1.5	1.3	7.3		9.8	7.6		.3		7.6	394
	21-23		1.0	.8	9.6		10.6	3.6		.5		4.3	397
TOTALS			.6	.5	12.7		13.5	6.5		.1		6.6	5058

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702315

TATALINA AFS AK

73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02		.5		15.8		15.9	4.8		.1		4.9	748
	03-05				19.8		19.8	8.7		1.0		9.2	825
	06-08		.1		23.3		23.4	11.5		1.5		12.1	825
	09-11				21.5		21.5	9.7		.2		9.7	824
	12-14		.1	.1	17.3		17.5	5.3		.2		5.5	925
	15-17		.9		15.4		16.0	5.1		.8		5.8	761
	18-20		.9		12.0		12.9	4.5		.4		4.9	567
	21-23		.8		11.5		12.3	3.7		.2		3.7	592
TOTALS			.4	.0	17.1		17.4	6.7		.6		7.0	6287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2315 TATALINA AFS AK

73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
APR	00-02		2.0		11.7		13.5	3.9				3.9	735
	03-05		1.6		12.1		13.1	5.7				5.7	810
	06-08		1.9		15.8		17.2	5.6		.2		5.8	809
	09-11		3.0	.4	13.6		16.0	4.6				4.6	810
	12-14		3.2		13.1		15.3	4.6				4.6	810
	15-17		3.2		10.5		13.7	3.6				3.6	810
	18-20		3.1		11.1	.2	13.7	5.0				5.0	620
	21-23		2.4		11.3		13.2	6.1				6.1	538
TOTALS			2.6	.1	12.4	.0	14.5	4.9		.0		4.9	5942

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2315 TATALINA AFS AK

73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02		6.2		1.5		7.7	1.3				1.3	758
	03-05		8.6		1.7		10.3	3.2				3.2	833
	06-08		8.2		3.6		11.3	4.8				4.8	834
	09-11		6.6		2.3		9.7	3.1				3.1	830
	12-14	.2	9.8		2.0	.2	10.9	1.8				1.8	834
	15-17	.4	11.2		.8	.2	11.9	.2				.2	832
	18-20	.2	8.8		.8		9.6	.3				.3	605
	21-23		8.9		2.2		10.9	1.3				1.3	548
TOTALS		.1	8.8		1.9	.1	10.3	2.0				2.0	6078

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702315

TATALINA AFS AK

73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	.4	13.1				13.1	3.2				3.2	724
	03-05	.1	15.8				15.8	4.6				4.6	789
	06-08		16.6				16.6	5.4	.4			5.8	789
	09-11		17.5				17.5	3.2	.1			3.3	758
	12-14	.6	19.7				19.7	1.8				1.8	768
	15-17	.9	15.8				15.8	1.1				1.1	741
	18-20	1.1	16.9				16.9	3.1				3.1	855
	21-23	.6	15.1				15.1	3.1				3.1	484
TOTALS		.5	16.3				16.3	3.2	.1			3.3	5558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72315

TATALINA AFS AK

73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUL	00-02	.4	16.9				16.9	5.4	.3			5.7	741
	03-05		17.4				17.4	9.3	.4			9.7	803
	06-08		18.0				18.0	10.0	.5			10.4	804
	09-11	.1	16.2				16.2	6.0	.9			6.9	801
	12-14	.5	13.8				13.8	3.5	.4			3.9	803
	15-17	1.6	17.7				17.7	2.0	.4			2.4	751
	18-20	2.0	17.5				17.5	3.4				3.4	497
	21-23		17.0				17.0	5.3				5.3	525
TOTALS		.6	16.8				16.8	5.6	.4			6.0	5675

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

702315

TATALINA AFS AK

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AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02		13.9				13.9	4.7	1.4			5.7	722
	03-05		17.1				17.1	9.0	1.0			9.8	803
	06-08		18.4				18.4	11.2	1.2			12.4	801
	09-11		16.5				16.5	5.5	1.5			6.6	801
	12-14	.6	17.5				17.5	2.9	1.3			4.1	800
	15-17	.5	14.7				14.7	2.0	1.2			3.3	641
	18-20	.9	14.5				14.5	1.7	1.5			3.1	545
	21-23	.4	16.3				16.3	3.0	1.3			4.3	529
TOTALS		.3	16.1				16.1	5.0	1.3			6.2	5639

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7-2315 TATALINA AFS AK

73-61

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LIST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.1	18.2		3.2	.1	21.3	9.0				9.3	714
	03-05		15.6	.3	4.2		20.2	10.7				11.7	779
	06-08		15.6	.6	3.4		19.2	13.4				13.4	783
	09-11		17.0	.3	3.6		20.7	10.6				10.6	786
	12-14		17.5		2.8		20.1	5.8				5.8	782
	15-17		14.9		2.0		16.7	3.8				3.8	659
	18-20	.4	13.9		2.4		16.3	4.8				4.8	541
	21-23		17.3		3.2		20.2	7.7				7.7	504
TOTALS		.1	16.3	.2	3.1	.0	19.3	8.2				8.2	5548

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

WEATHER CONDITIONS

712315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		3.7	.9	21.0		25.2	12.8				12.8	791
	03-05		3.2	1.2	21.6		25.2	14.7				14.7	819
	06-08		5.2	1.3	22.4		27.9	15.2				15.2	821
	09-11		4.1	.7	26.2		29.9	16.5		.1		16.5	822
	12-14		4.3	.4	24.1		27.5	15.2				15.2	823
	15-17		4.7	.9	23.1		26.9	13.7				13.7	737
	18-20		5.5	1.3	19.1		25.1	13.1				13.1	549
	21-23		5.3	.6	18.8		24.3	13.5				13.5	526
TOTALS			4.5	.9	22.0		26.5	14.3		.1		14.3	5988

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

WEATHER CONDITIONS

702315

TATALINA AFS AK

73-81

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		1.7	.7	24.9		26.7	10.6		.6		11.6	802
	03-05		1.6	.6	25.2		27.2	13.0		.1		13.1	810
	06-08		1.9	.5	24.9		26.6	15.1				15.1	810
	09-11		2.1	.4	25.6		27.2	14.3				14.3	810
	12-14		1.7	.5	27.7		28.8	13.7		.2		13.6	811
	15-17		2.1	.6	26.7		28.5	13.8		.4		14.1	806
	18-20		2.9	.3	26.4		28.4	11.9		.2		12.1	807
	21-23		2.9	.2	25.9		27.4	10.0				10.0	810
TOTALS			2.1	.5	25.9		27.6	12.8		.2		13.0	5053

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2315 TATALINA AFS AK

73-81

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02		.1		20.9		20.9	6.1		.7		6.4	814
	03-05				22.9		22.9	7.3		.1		7.4	822
	06-08		.1	.1	21.7		21.8	5.6		.6		6.2	821
	09-11		.2	.1	17.3		17.6	6.9		.4		7.3	822
	12-14		.5		19.9		20.3	7.2		.9		7.8	818
	15-17		.5		20.5		20.8	8.7		.6		8.8	767
	18-20		.2		23.3		23.3	6.5		.6		7.1	824
	21-23		.2		22.1		22.1	6.7		.4		6.9	534
TOTALS			.2	.0	21.1		21.2	6.9		.6		7.3	5935

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2315 TATALINA AFS AK 73-81 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL		.6	.3	16.1		16.8	10.3		.1		11.4	5536
FEB			.8	.5	12.7		13.5	6.5		.1		6.6	5159
MAR			.4	.0	17.1		17.6	6.7		.6		7.3	6767
APR			2.6	.1	12.4	.0	14.5	4.9		.0		4.9	5947
MAY		.1	6.8		1.9	.1	10.3	2.0				2.1	6778
JUN		.5	16.3				16.3	3.2	.1			3.3	5559
JUL		.6	16.8				16.8	5.6	.4			6.0	5675
AUG		.3	16.1				16.1	5.0	1.3			6.2	5639
SEP		.1	16.3	.2	3.1	.0	19.3	8.2				8.2	5548
OCT			4.5	.9	22.0		26.5	14.3		.0		14.3	5988
NOV			2.1	.5	25.9		27.6	12.8		.2		13.0	5753
DEC			.2	.0	21.1		21.2	6.9		.6		7.3	5935
TOTALS		.1	7.1	.2	11.0	.0	18.0	7.2	.2	.1		7.4	68897

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WEAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX **WEATHER CONDITIONS**
XX
ATMOSPHERIC PHENOMENA

7 8315
STATION

TATALINA AFS AK

STATION NAME

54-57, 61,

63-66, 69-91

YEARS

400
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF DAYS WITH TEST TO 1000 H	TOTAL NO. OF OBS
JAN	DAILY		4.6	1.5	45.6		46.6	31.5		1.7		31.2	461
FEB			4.6	2.7	44.1		44.3	26.5		3.9		27.2	415
MAR			5.3	.4	46.7		47.3	22.1		4.4		23.4	452
APR			13.6	.5	39.6	.3	42.9	17.7		1.5		14.2	394
MAY		1.8	45.5		12.8	.7	51.1	13.3	.2			11.3	444
JUN		3.8	57.1		.4	.7	57.1	14.2	1.6			15.3	445
JUL		5.7	58.6			.7	58.6	23.6	0.2			21.5	437
AUG		2.4	60.9		.4	.6	60.9	29.9	3.1			20.2	491
SEP		.4	51.3	.6	12.1	.4	60.0	29.4				25.4	480
OCT			22.4	4.3	61.9		72.4	36.9		1.2		33.7	496
NOV			7.5	3.7	60.7		61.6	42.6		3.3		44.0	427
DEC			3.5	2.1	52.5		53.3	29.2		6.0		32.5	493
TOTALS		1.6	27.5	1.3	31.4	.3	54.7	26.6	.9	1.5		28.2	414

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

2

GLOBAL CLIMATOLOGY PROJECT
UNACLTAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

7 2315 STATION TATALINA AFS AK 53-65, 69-61 YEARS

AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01.04	05.14	15.24	25.34	35.44	45.54	55.104	105.154	155.254	255.304	OVER 504						
SNOW DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13.24	25.36	37.48	49.60	61.120	OVER 120						
JAN	11.2	2.8	4.5	8.7	6.1	6.1	2.3	.4						26.1	737	.69	7.1	.7	
FEB	11.1	2.4	6.1	8.6	6.2	5.3	1.2	.2						27.6	650	.68	1.7	UT-AL	
MAR	54.1	19.8	5.7	9.3	4.7	4.3	1.8	.4						28.2	722	.67	2.72	.11	
APR	11.1	2.4	4.6	9.8	4.8	4.9	1.2	.1						25.4	692	.63	1.49	.4	
MAY	40.9	23.9	5.7	9.5	4.9	5.6	1.4	.7						27.2	735	.77	1.49	.10	
JUN	17.1	20.1	5.8	12.2	8.6	9.9	5.1	1.3						40.7	746	1.58	3.89	.65	
JUL	34.7	15.3	5.7	12.4	9.4	12.7	7.7	3.3	.5					51.4	740	2.82	5.77	.11	
AUG	12.1	12.2	5.2	15.0	9.2	12.2	9.3	4.1	.7					55.6	754	3.29	6.78	.75	
SEP	36.5	19.2	5.6	10.9	7.2	10.4	7.1	2.1	1.0					44.3	709	2.42	5.53	.16	
OCT	12.2	26.5	7.3	13.6	7.2	8.1	3.7	1.2						41.3	763	1.34	2.50	.27	
NOV	37.7	25.6	6.5	11.5	6.4	8.2	3.3	.7						36.6	733	1.12	3.10	.13	
DEC	45.1	21.5	4.5	12.5	5.5	7.7	2.4	.5	.3					33.4	794	1.23	4.5	.7	
ANNUAL	42.6	20.8	5.6	11.2	6.6	7.9	3.9	1.2	.2					36.6	8795	17.49			

DEPARTMENT OF THE ARMY

FROM DAILY OBSERVATIONS

TOTAL 24 SEP 20

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3-45, 57-8

YEARS

20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500 520 540 560 580 600 620 640 660 680 700 720 740 760 780 800 820 840 860 880 900 920 940 960 980 1000

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
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NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 84

STATION NAME
STATION NUMBER

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION NAME
STATION NUMBER

DATE: 62-61

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
77								1.48			.53	1.7	
78	.74	.93	2.32	.34	.64	1.27	4.72	4.13	4.54	1.77	.93	1.2	22.27
79	1.42	.93	2.24	.7	.31	1.23	3.43	7.71	7.42	1.14	.64	1.27	22.27
80	.81	.93	.94	.94	.94	1.28	2.44	1.13	4.62	1.94	1.13	.49	17.22
81	3.23	1.39	.97	.37	.61	.84	.63	2.14	1.95	1.67	1.29	.77	17.22
82	.81	.81	.81	.81	.81	.81	2.32	2.86	2.42	1.22	1.55	.27	21.7
83	.83	1.73	.11	.81	.64	1.31	2.14	2.53	1.53	.84	1.32	.77	24.7
84	2.72	.81	.22	1.44	1.42	1.31	4.71	2.64	4.22	1.44	1.56	1.17	22.27
85	.81	.32	.89	1.59	.81	2.22	5.39	7.98	5.82	2.34	1.99	2.84	27.7
86	.84	.63	.69	.74	1.13	2.42	1.44	4.13	1.95	1.19	.4	.89	22.27
87	.81	.82	1.39	.81	.63	2.65	3.17	4.57	1.52	2.7	.83	1.21	27.7
88	.83	1.32	1.02		.19	.83	.11				1.11	1.14	22.27
89	.83	.75	.92	.67	1.12	3.89	4.39	2.62	.93	1.69	1.24	.84	22.27
90	.81	.81	.81	.81	.76	1.12	1.49	2.33	1.59	2.54	1.21	2.67	22.27
91	.81	.81	.81	.81	.66	1.32	1.86	2.43	2.12	1.66	.97	.84	22.27
92	.81	.17	.75	.43	.67	1.31	1.16	2.44	1.66	1.34	1.51	.27	22.27
93	.13	.11	.87	.18	.33	.94	2.52	2.59	1.73	2.12	1.24	.84	22.27
94	.74	.58	.17	.51	.54	1.51	4.36	1.84	3.62	1.12	.22	.77	22.27
95	.84	.38	.61	.14	.75	.94	2.54	.59	.62	.93	1.19	.17	22.27
96	.14	.37	.59	1.39	1.34	.69	.96	.73	2.29	.55	.34	1.17	22.27
97	.31	.20	.17	.34	.67	2.24	1.83	7.14	1.13	1.4	1.99	4.13	22.27
98	1.41	TRACE	1.26	1.53	.13	1.53	1.66	2.39	1.19	1.14	3.22	.81	22.27
99	.73	.26	.23	.17	.86	7.49	2.76	2.11	1.85	.27	.37	.77	22.27
00	.33	.94	.13	.43	1.02	1.09	2.42	2.35	.72	1.64	1.32	.59	22.27
01													
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
MEAN	.82	.678	.824	.628	.771	1.632	2.619	3.234	2.425	1.347	1.118	1.23	2.7
S.D.	.742	.513	.684	.492	.321	.834	1.311	1.497	1.678	.627	.704	.44	1.3
TOTAL OBS.	73	660	722	674	733	746	743	754	779	763	733	794	22.27

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLA)

2

GLOBAL CLIMATOLOGY BRANCH
SCAFETAC
41 WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

7 23-65 TATULINA AFS AK

STATION

STATION NAME

53-56, 69-81

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-54	55-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	12.1	18.6	10.9	9.9	4.0	2.6	.9	.5	.1					27.3	768	11.2 32.1 .3		
FEB	42.3	19.5	14.3	10.1	3.9	1.3	1.2	.1	.3					31.2	656	6.4 21.2 TRACE		
MAR	17.5	16.4	12.4	9.0	2.9	2.1	.8	.7	.1					28.1	752	8.3 25.0 .2		
APR	54.6	19.9	10.4	9.0	3.3	1.4	.7	.1	.6					25.5	722	5.8 20.6 .9		
MAY	55.7	3.4	1.6	2.6	.5		.1							4.0	759	1.7 8.2 .		
JUN	58.7	.5	.4	.3	.1									.0	745	.2 3.4 .		
JUL	100.1														766	.0 .0 .0		
AUG	59.7	.3													754	TRACE TRACE .		
SEP	16.9	6.1	2.3	1.1	.8	.4	.1	.3						5.1	710	1.9 16.2 .0		
OCT	47.3	25.6	15.3	9.8	3.8	2.3	.5	1.4	.3					33.5	733	11.3 30.5 1.9		
NOV	37.3	23.7	14.5	12.8	5.8	2.6	.9	1.7	1.0					39.1	705	15.8 32.0 .4		
DEC	45.3	20.4	13.4	11.3	4.5	2.6	1.3	.6	.5	.1				34.3	799	14.5 41.5 .3		
ANNUAL	67.1	13.6	8.0	6.3	2.5	1.3	.5	.5	.2	.0				19.3	8899	81.4		

EXTREME VALUES

STATION	TATALLA AFB AK	STATION NAME
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52-55, 69-81

FROM DAILY OBSERVATIONS.

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
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87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN	3.07	2.43	2.66	3.37	3.02	3.14	3.00	TRACE	3.77	2.32	4.35	4.53	3.00
S.D.	1.893	2.042	1.934	2.055	1.883	1.454	1.000	1.000	1.655	2.371	2.353	2.001	1.534
TOTAL OBS.	753	608	752	712	753	742	766	714	711	331	255	719	300

USAF ETAC FORM 0-88.5 (OLA)
JUL 84

CLIMATE STATION
STATION NAME
STATION NUMBER

EXTREME VALUES MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

STATION NAME: TATALLINA AFS AK STATION NUMBER: 63-65, 69-81 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
63													
64	8.4	7.1	20.1	1.8	.1	.1	.1	.1	TRACE	3.4	8.8*	1.1	27.4
65	17.3	18.9	28.3	12.9	.1	.1	.1	.1	TRACE	3.4	14.2	1.1	111.6
66	12.4	7.8	9.3	1.5	.1	.1	.1	.1	1.1	14.1	.1	.1	67.4
67	23.9	1.7	8.7	3.9	TRACE	.1	.1	.1	2.4	3.1	20.1	13.1	114.4
68	4.7	.8	3.7	8.4	5.5	.1	.1	.1	10.2	6.7	18.5	4.1	61.4
69	8.0	17.1	1.1	4.9	1.4	.1	.1	.1	TRACE	6.7	10.6	17.1	67.4
70	32.1*	4.3	.2	14.0	TRACE	.1	.1	.1	10.8	1.8	1.1	13.1	146.2
71	1.3	3.3	.9	11.7	TRACE	.1	.1	.1	TRACE	7.3	7.7	25.7	74.7
72	3.9	6.4	8.3	3.4	1.4	3.4	.1	.1	.7	13.2	1.7	11.1	65.4
73	6.7	.2*	13.3	7.3	.2	.1	.1	.1	.1	13.1	.4	7.1	64.7
74	4.1*	21.2*	13.7	28.8*	8.2							11.4	146.4
75	6.1	13.2*	7.8		.1*	.1	.1						74.4
76				.9	.1	.1	.1	TRACE*	7.1	18.4	11.7		71.4
77	6.1*	1.4*	13.6	13.9	TRACE	.1	.1	.1	.8	18.5	22.3	1.1	111.7
78	10.7	13.9	1.7	6.8	4.2	.1	.1	.1	.1	10.3	14.4	2.1	112.6
79	6.3*	.4*	6.9	14.9	.2	.1	.1	.1	1.0*	7.7	3.2	7.7	67.4
80	6.1*	5.5	21.7	3.9*	TRACE*	.1	.1	.1	3.4	24.7	22.3*	.1	111.4
81	6.1*	2.7*	5.2	2.8	TRACE	.1	.1	.1	.1*	10.1	20.1*	1.1	60.4
82	19.9	9.3	5.1	12.3	2.1	.1	.1	.1	TRACE*	11.3	20.8	14.7	112.4
83	10.7	14.2	17.8	2.7	1.5	.1	.1	.1	TRACE	1.1	7.1	7.1	64.6
84	.1	.5	3.8	24.2	2.5	.1	.1	.1	.7	4.7	12.7	24.1	73.7
85	3.1	5.2	2.8	2.2	.1	.1	.1	.1	.4	19.7	27.5	41.1	75.4
86	14.1	TRACE	12.8	18.9	TRACE	.1	.1	.1	TRACE	3.4	22.7	17.1	111.4
87	13.1	5.1	7.8	1.2	TRACE	.1	.1	.1	.4	4.1	13.1	.1	67.4
88	10.1	19.2	3.1	6.9	2.1	.1	.1	.1	TRACE	3.1	15.1	17.1	75.4
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
00													
MEAN	11.24	8.45	8.3	7.75	2.99	1.1	1.0	TRACE	1.43	11.33	15.77	14.11	77.4
S.D.	6.53	6.13	7.53	7.13	1.49	.71	.73	.53	4.16	5.74	8.45	9.12	17.74
TOTAL OBS.	755	618	734	772	759	745	766	774	71	733	775	774	1464

NOTE: * BASED ON LESS THAN FULL MONTHS

2

JOINT CLIMATOLOGY BRANCH
USAF/TAG
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNG. DEPT-
(FROM DAILY OBSERVATIONS)

7-2315
STATION

TATALINA AFS AK
STATION NAME

53-61
YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-03	04-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN					1.2	.2	8.1	44.5	36.4	9.6				100.0	861			
FEB					.4	3.3		31.2	40.1	24.8	.1			100.0	753			
MAR					.4	4.0	.7	21.6	49.5	24.6				99.8	851			
APR	2.1		.6	.7	1.0	4.6	8.1	29.6	33.3	17.1	2.9			98.1	84			
MAY	54.7	7.1	4.9	3.1	2.1	4.6	7.1	10.2	5.4	.6	.3			33.3	365			
JUN	29.9	.1	.1		.1	.1								.4	830			
JUL	100.7														856			
AUG	100.7														681			
SEP	76.7	1.3	1.2	.1	.2	.5								2.0	858			
OCT	34.3	8.2	11.2	10.8	8.4	14.4	9.8	2.3						56.6	895			
NOV	.5	1.7	5.1	6.8	6.8	18.1	35.9	23.7	4.4		.1			97.8	869			
DEC						7.8	22.2	45.9	20.9	2.9	.3			100.0	889			
ANNUAL	40.7	1.5	1.9	1.8	1.7	4.8	7.7	17.2	15.7	6.6	.3			57.8	17238			

IN CLIMATE TELETYPE
STATION NAME
STATION NUMBER

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
1		24	34	75	3								
2		37	45	35	23								
3		31	33	35	3				TRACE				
4		35	35	35	4								
5		28	32	13	4								
6		36	35	71	12								
7		46	37	36	24					TRACE			
8		5	5	71	1								
9		35	34	71	17				TRACE				
10		23	42	21	27								
11		32	35	41	35								
12		43	36	19	4								
13		32	31	25	13								
14		31	46	48	23								
15		41	34	72	21								
16		31	34	71	1								
17		19	24	31	14								
18		37	44	44	22								
19		44	48	53	52								
20		24	31	41	12								
21		31	34	37	11								
22		41	42	47	71								
23		36	49	47	21				TRACE				
24		34	34	32	31				TRACE				
25		31	21	13	1								
26		41	45	44	21								
27		24	21	11	3				TRACE				
28		11	24	21	4								
MEAN	26.2	32.8	35.3	32.3	16.3	0	0	0	0	6.5	13.3	22.1	36.7
S.D.	11.7131	11.4771	11.0011	11.6113	13.557	1.11	1.02	1.00	1.245	4.7361	11.461	11.374	19.1
TOTAL OBS.	364	753	351	643	865	83	556	891	550	865	69	484	3277

NOTE * (BASED ON LESS THAN FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

Values for means and standard deviations do not include measurements from incomplete months.

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION

STATION NAME

STATION NAME

YEARS

YEARS

DAILY PEAK WIND IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
67	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
68	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
69	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
70	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
71	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
72	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
73	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
74	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
75	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
76	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
77	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
78	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
79	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
80	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
81	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
82	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
83	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
84	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
85	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
86	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
87	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
88	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
89	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
90	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
91	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
92	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
93	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
94	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
95	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
96	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
97	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
98	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
99	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
00	24 04	23 07	31 47	26 77	41 27	24 25	31 27	33 47	25 07	24 07	24 07	24 07	24 07
MEAN	24.0	23.0	31.5	26.8	41.3	24.3	31.3	33.5	25.0	24.0	24.0	24.0	24.0
S.D.	4.7	4.7	7.2	3.1	6.1	5.9	4.7	5.9	4.7	4.7	4.7	4.7	4.7
TOTAL OBS.	43	43	43	43	43	43	43	43	43	43	43	43	43

NOTES: (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLA)

5 (BASED ON LESS THAN FULL MONTHS ARE *100 KNOTS)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-2315
STATION

TATALINA AFS AK

STATION NAME

73-81

YEARS

JAN

MONTH

ALL WEATHER

CLASS

0000-2300

HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.4		.1								1.5	3.7
NNE	2.3	2.4	3.1	.4								8.3	5.8
NE	4.9	8.7	5.2	.5								19.3	5.3
ENE	4.2	5.0	3.4	.1								12.8	5.0
E	2.4	3.1	2.0	.3								7.9	5.2
ESE	.7	.1										.8	2.7
SE	.3	.1										.4	2.3
SSE		.4										.4	4.0
S	.7	.7	.3		.1							1.3	5.3
SSW	1.5	1.0	.7	.1								3.3	4.5
SW	1.2	1.5	.3									3.0	4.4
WSW	.7	.5										1.2	3.3
W	1.2	.3	.1	.1								1.8	3.9
WNW	.1	.3	.1									.5	5.0
NW		.3										.3	5.0
NNW		.1										.1	4.0
VARBL												36.7	
CALM													
	21.2	25.0	15.2	1.8	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

736

USAFETAC

FORM

0-8-5 OLYA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	.8	.9	.4									2.0	5.0
NNE	2.6	2.5	2.6	.3								8.0	5.3
NE	6.1	7.5	5.3	.3								19.1	5.2
ENE	3.6	6.5	3.1	.3								13.5	5.0
E	2.5	2.0	2.1	.8								7.4	5.5
ESE	.6		.1									.8	3.3
SE	.1											.1	3.0
SSE	.4	.1										.5	2.8
S	.8	.6	.3									1.5	3.9
SSW	.8	.6	.4	.3	.1							2.1	6.3
SW	1.5	1.8	.8	.1								4.1	5.0
WSW	1.0	.8	.1									1.9	3.5
W	1.5	.5	.1									2.1	3.4
WNW	.4	.3	.1									.8	4.5
NW	.4	.1										.5	2.5
NNW	.1											.1	2.0
VARBL													
CALM												35.3	
	23.2	24.2	15.4	1.9	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7 2315 TATALINA AFS AK
STATION ST

73-81

JAY

STATION

STATION N-117

YEARS

NOTES

ALL WEATHER

CLASS

0630-3800

HOUSE 11 5 1

CONDITION

[illegible]

TOTAL NUMBER OF OBSERVATIONS

912

1
2
1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315 TATALINA AFS AK 73-81 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100

CLASS HOURS (LST)

CONDITION

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.4	.9									2.1	5.1
NNE	2.1	2.2	2.1	.5								6.9	5.7
NE	3.9	8.9	4.2	.7								17.7	5.6
ENE	4.3	5.5	3.6	.6								14.3	5.2
E	3.9	2.7	1.2	.7	.1							8.7	5.1
ESE	.5	.4	.1									1.3	4.0
SE		.1										.1	4.0
SSE	.2	.4										.5	3.8
S	.4	.2	.4	.1								1.1	6.3
SSW	.7	.7	.9	.1								2.5	5.7
SW	1.2	1.0	.5									2.7	4.3
WSW	1.5	.9	.5									2.8	4.3
W	1.7	1.1	.1									3.0	3.3
WNW	.2	.6										.9	3.9
NW	.1		.1									.2	4.5
NNW	.1		.1		.1							.4	9.7
VARBL													
CALM												35.2	
	21.9	25.1	14.7	2.8	.2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315

TATALINA AFS AK

73-91

JAN

STATION

STATION NAME

YEARS

MORPH

ALL WEATHER

1200-1400

CLASS

NOV 80 (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.2		.1								1.3	4.1
NNE	2.7	2.0	2.5	.4								7.5	5.4
NE	3.6	8.6	4.3	.5								17.3	5.4
ENE	4.2	7.1	3.3	.6								15.3	5.3
E	5.7	4.6	2.1	.2		.1						12.7	4.6
ESE	.1	.1										.2	4.5
SE	.2											.2	2.5
SSE	.1	.1										.2	4.0
S	.5	.5	.2	.2								1.5	6.3
SSW	1.4	.4	.9									2.6	4.9
SW	1.0	.7	.6									2.3	4.8
WSW	.9	.6	.4									1.8	3.9
W	.6	1.7	.5									2.8	5.0
WNW	.1	.1										.2	4.0
NW		.2	.1									.4	6.0
NNW	.2			.1								.4	5.7
VARBL													
CALM												33.7	
	21.9	27.1	14.9	2.2		.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

812

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-2315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.4	.3	.1								1.1	6.0
NNE	3.4	2.7	2.0	.6								8.6	5.1
NE	5.1	7.4	4.2	.8								17.1	5.3
ENE	3.5	5.8	5.0	.1	.1							14.6	5.5
E	2.7	3.4	1.3	.3								7.6	5.0
ESE	.4	.4										.8	4.0
SE	.1	.1										.3	4.0
SSE	.3	.3	.1									.7	4.8
S	.6	1.0	.7									2.3	5.2
SSW	.6	.4	.1	.3								1.4	5.4
SW	.7	.3	.8	.1								2.0	6.0
WSW	1.0	.8	.6									2.4	4.7
W	.7	1.1	.8	.1								2.8	5.3
WNW			.1									.1	7.0
NW	.1		.3									.4	6.7
NNW													
VARBL													
CALM												37.5	
	19.5	24.2	16.4	2.1	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

726

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73-75,78-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.2	.2									1.2	4.0
NNE	2.0	4.0	3.2	1.2								10.4	6.5
NE	5.7	11.9	5.7	1.0								24.3	5.3
ENE	4.2	4.7	2.0	.5								11.4	5.1
E	2.0	1.5	1.2									4.7	4.8
ESE		.2		.2								.5	8.5
SE		.2	.2									.5	6.0
SSE			.5									.5	9.0
S	1.0	.2	.5									1.7	4.1
SSW	.5	.2										.7	3.0
SW	.2	.5	.7	.2								1.7	7.3
WSW	1.0	1.0										2.0	3.3
W			1.0									1.0	7.8
WNW			.2									.2	8.0
NW				.2								.2	12.0
NNW													
VARBL													
CALM												38.9	
	17.3	24.8	15.6	3.5								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

404

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73,75-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4		.9	.2								1.6	7.9
NNE	1.6	2.9	2.9	1.3								8.7	6.8
NE	6.5	7.6	4.9	.7								19.6	5.1
ENE	4.9	5.6	3.3	.7								14.5	5.2
E	2.0	2.2	1.1	.2								5.6	4.4
ESE	.7											.7	2.0
SE	.2											.2	2.0
SSE	.4	.4										.9	3.8
S	.9	.2	.4	.2								1.3	5.6
SSW	1.1	.9										2.0	3.3
SW	.7	.4	.4									1.6	4.9
WSW	.2	.7	.7									1.6	5.9
W	1.1	.9	.9									2.9	4.8
WNW	.2	.2	.2									.7	5.7
NW													
NNW	.2											.2	1.0
VARBL													
CALM												37.5	
	21.2	22.1	15.8	3.3								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 448

8
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.5	.3	.1								1.5	5.0
NNE	2.4	2.6	2.5	.5								7.9	5.7
NE	5.0	8.4	4.9	.6								18.8	5.4
ENE	4.1	5.9	3.3	.4	.0							13.8	5.2
E	3.3	2.9	1.7	.4	.0	.0						8.3	4.9
ESE	.4	.2	.0	.0								.6	3.7
SE	.1	.1	.0									.2	3.5
SSE	.2	.2	.1									.5	4.4
S	.7	.5	.4	.1	.0							1.7	5.2
SSW	.9	.6	.5	.1	.0							2.2	5.0
SW	1.1	.9	.7	.1								2.7	4.9
WSW	.9	.8	.3	.0								2.0	4.2
W	1.2	.9	.4	.1								2.6	4.3
WNW	.2	.3	.1									.6	4.3
NW	.1	.1	.1	.0								.3	5.1
NNW	.1	.7	.0	.0	.0							.2	4.8
VAF													
CALM												36.0	
	21.4	24.8	15.3	2.3	.1	.0						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 5529

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATIONTATALINA AFS AK
STATION NAME73-81
YEARSFEB
MONTHALL WEATHER
CLASS0000-0200
HOURS U.T.

CONDITION

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	.5									2.3	4.9
NNE	3.8	3.5	3.5	.5								11.2	5.4
NE	5.2	8.2	6.4	1.4	.2							21.2	5.8
ENE	4.2	7.4	2.4									14.1	4.7
E	3.2	2.4	1.4									7.3	4.3
ESE	1.4	.5										1.8	2.7
SE		.2										.2	4.0
SSE	.5	.2	.2									.8	4.2
S	.8	.8	.2									1.7	3.7
SSW	.8	.6	.3	.6								2.3	6.5
SW	1.4	2.3	.2	.2								3.9	4.2
WSW	.6											.6	2.0
W	2.6	.5										3.0	2.7
WNW	.3	.2										.5	3.0
NW													
NNW	.2											.2	2.0
VARBL													
CALM												29.4	
	25.3	27.7	14.8	2.6	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

660

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7-2315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.4	.3	.1								1.8	4.7
NNE	3.1	4.6	1.8	.7								10.2	5.2
NE	5.5	8.7	3.8	1.7								19.6	5.3
ENE	6.2	6.3	4.1	.6								17.1	4.9
E	4.9	2.7	1.1	.4								9.1	4.2
ESE	.3	.4	.1									.8	4.0
SE	.1											.1	3.0
SSE			.1									.1	7.0
S	.8	.3	.3	.1								1.5	5.0
SSW	.4	.3	.6	.4								1.7	7.7
SW	1.3	.8	.1	.1								2.4	4.2
WSW	1.5	.4	.1									2.1	2.9
W	1.5	.7	.3									2.5	3.5
WNW	.3	.4										.7	3.2
NW													
NNW	.1											.1	3.0
VARBL													
CALM												30.0	
	27.0	26.1	12.7	4.2								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315 STATION TATALINA AFS AK 73-81 YEARS FEB MONTH
ALL WEATHER CLASS 3630-3630 HOURS (LST)
CONDITION

SPEED KNOTS D/R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.5		.1								1.1	5.0
NNE	2.9	3.0	2.7	.7								9.3	5.6
NE	8.2	7.1	5.5	.5								21.3	5.0
ENE	6.1	9.0	2.2	.7								18.2	4.8
E	3.4	3.5	1.0	.5								8.5	4.6
ESE	.3	.1										.4	3.3
SE	.1											.1	2.0
SSE	.1											.1	1.0
S	.7	.1		.1	.1							1.1	6.1
SSW	.4	1.0	.7	.4								2.5	6.8
SW	.7	1.0	.4									2.2	4.7
WSW	1.4		.1									1.5	2.8
W	1.6	.8	.1									2.6	3.2
WNW	.3	.3	.3									.8	5.0
NW		.1										.1	4.0
NNW	.1											.1	1.0
VARBL													
CALM												30.4	
	26.7	26.6	13.0	3.1	.1							100.2	3.4

TOTAL NUMBER OF OBSERVATIONS 733

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722315
STATIONTATALINA AFS AK
STATION NAME73-81
YEARSFEB
MONTHALL WEATHER
CLASS0900-1100
HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	.3	.1								1.0	6.4
NNE	2.0	2.7	2.4	1.5								8.7	6.6
NE	6.7	6.9	6.0	2.2								21.8	5.8
ENE	7.1	8.4	3.3	.3								19.0	4.6
E	4.5	3.8	1.5	.1								9.9	4.2
ESE	1.2	.3	.1									1.6	2.9
SE	.1											.1	2.0
SSE	.3	.4										.7	3.6
S	1.0	1.1	.4									2.4	4.3
SSW	.8	.7	.8	.3								2.6	5.9
SW	1.6	.5	.5	.1								2.9	4.5
WSW	.1	.5										.7	4.0
W	1.1	.5	.3	.3								2.2	4.9
WNW	.1	.5	.1									.8	4.8
NW		.1										.1	4.0
NNW	.1	.3										.4	4.0
VARBL												25.0	
CALM													
	27.1	27.2	15.8	4.9								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

735

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATIONTATALINA AFS AK
STATION NAME73-81
YEARSFEB
MONTH1200-1800
HOURSALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	.5									1.4	5.4
NNE	1.6	3.8	3.5	1.1	.1							10.2	7.1
NE	2.4	6.9	6.9	2.4	.3							19.0	7.1
ENE	6.5	10.3	4.9	1.1								22.8	5.2
E	7.6	6.4	1.1									15.1	3.8
ESE	1.9	.5	.1									2.6	2.9
SE	.1	.4	.1									.7	5.2
SSE	.3	.5	.1									.9	4.7
S	1.6	.9	.8	.4								3.8	5.0
SSW	.3	.9	1.1									2.3	5.9
SW	.8	.5	.3									1.6	4.1
WSW	.3	.5	.1									.9	4.6
W		.7	.7	.1								1.5	6.6
WNW	.1		.1	.1								.4	8.0
NW													
NNW													
VARBL													
CALM												16.8	
	23.9	33.1	20.5	5.3	.4							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

737

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7 2315
STATION

TATALINA AFS AK

STATION NAME

73-81

YEARS

FEB

MONTH

ALL WEATHER

CLASS

1530-1700

HOURLY PERIOD

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.4	.7									1.6	5.3
NNE	2.4	3.4	5.4	.7								11.9	6.6
NE	4.2	7.9	9.4	1.8								23.2	6.6
ENE	5.4	8.2	2.4	1.3								17.3	5.3
E	4.5	4.3	1.2	.1								10.1	4.1
ESE	1.2	.3	.1	.1								1.8	3.3
SE	.3	.3	.1									.7	5.0
SSE	.4	.6										1.0	4.0
S	1.0	1.2	.4	.3								3.0	5.1
SSW	.6	1.0	.7									2.4	5.4
SW	.3	.9	.7									1.9	5.8
WSW	.1	.3										.4	4.3
W	.7	.6	.3									1.6	4.7
WNW	.3	.1	.3									.7	4.8
NW													
NNW													
VARBL													
CALM												21.9	
	2.1	29.7	21.9	4.5								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

671

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

712315

TATALINA AFS AK

73,75,78-81

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS L.Y.

CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	1.0									4.0	4.9
NNE	4.3	5.8	8.1	2.8								21.0	6.8
NE	6.8	10.1	10.9	2.0	.3							30.1	6.2
ENE	2.3	4.0	2.3	.3								8.8	5.3
E	2.0	1.5	.3									3.3	3.7
ESE	.3	.3	.3									.9	5.3
SE													
SSE													
S	.8	.8	.3	.3								2.0	4.9
SSW	.5	1.7	1.0	.3								2.8	6.4
SW	.3	.5										.8	3.7
WSW	.5	1.3	.3									2.0	4.5
W	.3											.3	3.0
WNW	1.0											1.0	2.0
NW													
NNW			.3									.3	7.0
VARBL													
CALM												22.5	
	20.5	26.8	24.5	5.6	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

396

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

710315
STATION

TATALINA AFS AK
STATION NAME

73,76-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS U.S.T.

CONDITION

SPEED KNTS D.R.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.0	1.5	.3								3.3	5.4
NNE	2.3	6.0	2.3	.8								11.3	5.7
NE	7.1	8.8	7.8	1.5	.3							25.4	6.0
ENE	3.8	6.8	3.5									14.1	4.8
E	5.2	2.8	.5									8.6	3.2
ESE	.3											.3	2.0
SE	.3											.3	1.0
SSE		.3	.3									.5	5.5
S	.5	.3	.3	.3								1.3	6.4
SSW	.3		.5									.8	7.3
SW	1.5		.8									2.3	4.7
WSW	.3	.3	.3									.8	5.0
W	1.5	.8	.5									2.8	3.9
WNW	.5	.3	.3									1.0	4.5
NW		.3										.3	4.0
NNW		.5										.5	4.0
VARBL													
CALM												26.7	
	23.9	28.0	18.4	2.8	.3							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

397

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7.2345 TATALINA AFS AK 73-31
STATION NAME
ALL WEATHER
CLASS
COND TION
FEB
MONTH
ALL
MOUSE LBY

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.7	.5	.1								1.9	5.3
NNE	2.7	3.9	3.5	1.0	.9							11.1	6.2
NE	5.6	7.9	6.8	1.7	.1							22.1	6.0
ENE	5.5	7.9	3.2	.6								17.1	4.9
E	4.5	3.6	1.1	.2								9.4	4.1
ESE	.9	.3	.1	.0								1.3	3.2
SE	.1	.1	.0									.3	4.2
SSE	.2	.3	.1									.6	4.3
S	.9	.7	.3	.2	.0							2.2	4.9
SSW	.5	.7	.7	.3								2.2	6.3
SW	1.0	.9	.4	.1								2.3	4.5
WSW	.6	.4	.1									1.1	3.5
W	1.2	.6	.3	.1								2.1	4.0
WNW	.3	.2	.1	.0								.7	4.4
NW		.1										.1	4.0
NNW	.1	.1	.0									.2	3.7
VARBL													
CALM												25.4	
	24.9	28.2	17.2	4.1	.1							100.3	3.9

TOTAL NUMBER OF OBSERVATIONS 5003

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

MAR
MONTH

0000-2300
HOURS U.S.T.

ALL WEATHER
CLASS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.9	.8									3.1	4.8
NNE	2.7	6.4	3.2	.4								12.7	5.5
NE	5.1	11.1	6.4									22.6	5.2
ENE	3.7	4.1	1.7	.1								9.9	4.6
E	2.4	1.2	.5									4.1	3.5
ESE	.1	.3	.1									.5	4.5
SE													
SSE	.1		.1									.3	5.0
S	.8	.8	1.1	.3								2.9	6.1
SSW	1.5	1.3	1.1	.4								4.3	5.4
SW	1.2	.9	.9									3.1	4.8
WSW	2.0	.4	.4	.1								2.9	3.7
W	2.0	.4	.4	.3								3.1	4.3
WNW	.5		.1									.7	3.4
NW	.4	.3										.7	3.0
NNW													
VARBL													
CALM												29.2	
	24.0	28.2	17.0	1.6								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

747

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72315
STATIONTATALINA AFS AK
STATION NAME73-81
YEARSMAR
MONTHALL WEATHER
CLASS0300-0500
HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	.4	.2								2.9	4.6
NNE	3.0	5.7	3.3	.1								12.1	5.3
NE	0.8	9.1	5.9	.6								22.4	5.2
ENE	3.9	5.6	1.7	.1								11.3	4.4
E	1.9	1.6	.1									3.6	3.5
ESE	.2	.4										.6	3.4
SE	.4	.1	.1									.6	3.6
SSE	.1	.2										.4	3.7
S	1.2	.7	.8	.1								2.9	5.2
SSW	1.5	.8	1.0	.5								3.8	5.7
SW	2.1	1.0	.4		.1							3.5	4.2
WSW	.8	.1	.4	.1								1.5	4.9
W	1.3	.8	.4	.2								2.8	4.7
WNW	.6	.5	.5	.1								1.7	5.6
NW	.2											.2	3.0
NNW			.1									.1	8.0
VARBL													
CALM												29.6	
	25.3	27.8	15.0	2.2	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

825

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

4AP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.6	.2									2.5	3.5
NNE	3.3	4.7	4.0	.4								12.4	5.6
NE	6.3	8.4	4.9	1.1								20.6	5.2
ENE	5.6	6.3	1.1	.1								13.1	4.0
E	4.1	2.2	.2									6.6	3.4
ESE	.4	.1	.1									.6	3.6
SE	.1	.1										.2	4.0
SSE		.2										.2	4.0
S	1.0	.7	.8									2.5	5.0
SSW	1.2	1.7	.7	.5								4.1	5.7
SW	1.5	1.2	1.0	.2								3.9	5.0
WSW	.8	1.0	.5	.1								2.4	4.8
W	1.0	.6	.5	.1								2.2	5.1
WNW	.2	.4										.6	2.8
NW	.6	.2										.8	3.1
NNW	.1											.1	3.0
VARBL												26.9	
CALM													
	27.9	28.5	14.1	2.5								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

824

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATIONTATALINA AFS AK
STATION NAME73-81
YEARSMAR
MONTHALL WEATHER
CLASS0900-1100
HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED	
N	.2	.4	.6									1.2	5.8
NNE	.6	2.9	2.8	.1								6.4	6.4
NE	4.5	10.0	7.0	1.1								22.5	5.8
ENE	5.8	8.7	3.8	.2								18.6	4.8
E	5.3	6.1	.5	.1								12.3	3.8
ESE	2.8	1.5	.1									4.4	3.1
SE	.4											.4	1.7
SSE	.2	.6	.1									1.3	4.5
S	1.7	1.2	1.2	.2	.1							4.5	5.7
SSW	2.2	1.5	1.5	.1								5.2	4.9
SW	1.7	.8	1.6	.4								4.5	5.5
WSW	.2	.6	.4									1.2	5.2
W	1.0	1.2	.5	.2								2.9	5.0
WNW	.2		.1									.4	4.3
NW	.1											.1	2.0
NNW		.2										.2	5.5
VARBL													
CALM												14.4	
	27.1	35.7	20.1	2.5	.1							130.2	4.3

TOTAL NUMBER OF OBSERVATIONS

824

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.8	.5									1.5	6.1
NNE	.7	3.2	3.0	.5								7.4	6.7
NE	1.9	9.1	8.5	1.6								21.1	6.6
ENE	2.3	10.5	4.5	.8								18.2	5.7
E	5.1	8.8	1.2									15.2	4.3
ESE	1.6	1.7	.2									3.8	3.8
SE	.6	.6	.1									1.3	3.4
SSE	.6	.6	.5									1.7	5.1
S	2.3	1.9	1.2	.2								5.7	4.8
SSW	1.0	1.9	1.7	.4								5.3	6.3
SW	1.2	1.6	1.6	.2								4.6	5.8
WSW	.2	1.1	1.1									2.4	6.1
W	.6	1.3	1.7									3.6	5.9
WNW	.1	.5										.6	4.6
NW	.1											.1	3.0
NNW		.2										.2	5.0
VARBL													
CALM												7.6	
	18.8	44.0	25.8	3.8								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

825

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7.2315

TATALINA AFS AK

73-81

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L & Y)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.0	1.2	.1								2.9	5.9
NNE	.6	4.0	2.9	1.3								8.8	6.8
NE	2.4	9.2	7.9	1.0								20.6	6.5
ENE	5.4	9.1	3.1	.6								18.2	4.8
E	3.5	7.1	.5									11.0	4.2
ESE	1.2	1.2	.1									2.4	4.1
SE	.6	.3										.9	3.0
SSE	1.2		.1	.3								1.5	4.4
S	2.4	2.4	.5	.5								5.9	4.6
SSW	.8	1.5	1.5	.3								4.1	6.1
SW	.6	1.2	.6	.8								3.2	7.3
WSW	.5	.5	.6	.3								1.9	6.7
W	1.3	1.9	2.7	.4								6.3	6.1
WNW	.3	.8	.3									1.3	4.9
NW		.1	.1									.3	7.0
NNW	.3											.3	2.0
VARBL													
CALM												10.3	
	21.7	40.3	22.3	5.5								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7.2315	TATALINA AFS AK
STATION	STA

73-81

५६२
१०११५

1900-2070

ALL WEATHER

CLASS

CONDITION

[illegible]

TOTAL NUMBER OF OBSERVATIONS 665

1
2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

72315 STATION TATALINA AFS AK STATION NAME 73,75-81 YEARS MAR MONTH
ALL WEATHER CLASS 2100-2300 HOURS (LST) CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	~	MEAN WIND SPEED
N	.7	1.2	1.2	.2								3.2	5.7
NNE	3.4	5.6	4.6	1.0								14.5	6.0
NE	6.8	9.8	6.1	.2								22.9	5.3
ENE	3.1	4.6	2.0									9.7	4.6
E	3.1	.8	.3									4.2	3.0
ESE	.7											.7	2.0
SE													
SSE	.2		.3									.5	6.7
S	.3	.2	.7	.2								1.4	6.4
SSW	1.7	1.5	.8									4.1	4.7
SW	1.5	1.0	.7	.2								3.4	4.9
WSW	.5	1.0	.2									1.7	4.3
W	2.7	1.0	.5	.2								4.4	4.1
WNW	1.0	.7										1.7	3.5
NW	.3											.3	1.5
NNW													
VARBL													
CALM												27.3	
	25.9	27.5	17.3	2.0								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 590

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 72315 STATION NAME TATALINA AFS AK YEARS 73-81 MONTH MAR
CLASS ALL WEATHER
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.7	.1								3.0	5.0
NNE	2.4	4.6	3.4	.5	.3							10.9	5.8
NE	4.8	9.7	6.5	.8								21.9	5.7
ENE	4.3	6.8	2.5	.3								13.9	4.8
E	3.4	3.8	.4	.0								7.7	3.8
ESE	1.0	.7	.1									1.8	3.5
SE	.3	.1	.0									.5	3.1
SSE	.3	.3	.2	.0								.8	4.9
S	1.4	1.2	.9	.2	.0							3.7	5.1
SSW	1.4	1.4	1.1	.3								4.2	5.5
SW	1.4	1.1	1.0	.2	.0							3.7	5.4
WSW	.9	.7	.5	.1								2.1	5.0
W	1.3	1.1	.9	.2								3.4	5.1
WNW	.4	.5	.1	.0								1.0	4.3
NW	.3	.1	.0									.4	3.5
NNW	.1	.1	.0									.2	4.1
VARBL													
CALM												20.7	
	24.8	33.2	18.3	2.9	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 6080

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315 TATALINA AFS AK

73-81

APR

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

CLASS

0000-0200

HOURLY (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.8	1.1									4.3	5.0
NNE	2.5	5.5	2.7	.1								13.8	5.4
NE	4.5	6.0	4.7	.7								15.9	5.4
ENE	2.7	3.3	1.0	.3								7.3	4.6
E	3.0	2.6		.1								5.7	3.4
ESE	.7	.1										.3	2.5
SE													
SSE	.3	.3										.5	4.3
S	1.5	.8	1.1									3.6	4.8
SSW	2.3	1.8	.8	.7		.1						5.7	5.6
SW	1.9	2.7	.5	.5	.1							5.9	5.3
WSW	1.4	1.1	.5									3.0	4.1
W	3.0	1.8	.5	.1								5.5	3.7
WNW	.5	1.6	.7									2.9	5.0
NW	.3	.3										.5	3.3
NNW		.1										.1	5.0
VARBL													
CALM												27.8	
	25.9	29.9	13.7	2.6	.1	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

731

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315 TATALINA AFS AK

73-81

APR

STATION

STATION NAME

YEARS

NORTH

ALL WEATHER

0300-0500

CLASS

HOURLY

CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.9	.7									3.9	4.6
NNE	2.6	4.0	2.9									9.4	5.2
NE	5.5	6.0	4.2	.1								15.8	4.9
ENE	4.1	3.7	1.4	.1								9.3	4.3
E	3.6	1.0	.1									4.7	2.9
ESE	.4											.4	2.3
SE	.1	.2										.4	3.3
SSE	.4											.4	1.7
S	1.2	.9	.5	.4								3.0	5.1
SSW	1.6	2.7	.9	.6	.2							5.3	6.1
SW	1.9	1.4	.5	.4								4.1	4.9
WSW	1.5	1.5	.4	.1								3.5	4.1
W	2.2	1.0	.1	.1	.1							3.6	3.8
WNW	1.0	1.2	.4									2.6	4.0
NW		.1	.1	.1								.4	8.0
NNW	.1	.1										.2	2.5
VARBL													
CALM												33.0	
	27.5	25.0	12.2	2.0	.4							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

805

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 72315 TATALINA AFS AK STATION NAME 73-81 YEARS APR MONTH 1973-0800
CLASS ALL WEATHER
CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.2	.6	.1								1.7	5.5
NNE	2.5	2.1	1.9	.4								6.8	5.5
NE	3.7	7.9	6.1	.5								17.5	5.9
ENE	3.8	8.4	1.0									13.3	4.2
E	5.6	2.9	.2	.1								6.8	3.3
ESE	1.6	.6	.1									2.4	3.7
SE	.4	.1	.1									.6	3.0
SSE	.5	.1	.1									.7	3.0
S	1.7	1.4	.7	.1								4.0	4.3
SSW	3.2	1.9	1.7	.2								7.1	4.8
SW	1.7	1.7	.5	.7								4.0	5.7
WSW	.9	.9	.1									1.9	3.9
W	1.1	.9	1.1	.1								3.2	5.4
WNW	.9	.6	.6	.1								2.2	4.9
NW			.1									.1	9.0
NNW	.1											.1	3.0
VARBL													
CALM												25.6	
	27.8	29.0	15.1	2.5								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

876



USAFETAC FORM 10-64 (REV. 64) PREPARED BY THE AIR WEATHER SERVICE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 2315
STATION

TATALINA AFS AK

STATION NAME

73-91

YEARS

APR
MONTH

ALL WEATHER

CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.1	.6									1.0	6.0
NNE	1.6	2.2	3.0									6.3	6.0
NE	1.9	5.4	7.3	.1								14.7	6.3
ENE	3.7	11.6	4.2	.5								20.3	5.4
E	5.1	8.5	2.0	.1								15.7	4.4
ESE	2.5	1.7	.5									4.7	4.1
SE	.9	.1	.1									1.1	3.2
SSE	1.6	.2	.1									2.3	2.9
S	2.7	3.6	1.2	.4	.1							8.0	5.2
SSW	1.6	1.7	1.7	.6								5.7	6.0
SW	1.4	1.5	1.2	.4	.1							4.6	6.0
WSW	.5	1.6	.9	.1								3.1	6.0
W	.4	1.2	.9	.4								2.8	6.8
WNW	.2	.6	.2	.6								1.7	7.8
NW	.1	.4										.5	4.0
NNW		.1										.1	4.0
VARBL												7.4	
CALM													
	24.4	40.8	24.0	3.2	.2							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

679

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 2315 TATALINA AFS AK 73-81 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1200-1400
HOURS (LST)

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.0	1.0									3.2	5.3
NNE	.6	1.9	2.1	.2								5.2	7.0
NE	2.2	6.4	5.9	.6								15.2	6.3
ENE	3.0	6.2	6.3	.2	.1							15.8	6.0
E	3.8	10.1	3.2	.2								17.4	5.0
ESE	2.2	2.3	.5									5.1	3.9
SE	.6	1.7										1.6	3.7
SSE	.2	1.0	.6									1.9	5.5
S	2.3	3.5	1.5	1.1								8.4	5.8
SSW	1.0	2.8	2.2	.7								6.8	6.6
SW	.5	.9	3.0	.2	.1							4.8	7.4
WSW	.1	.9	1.0	.2								2.2	7.3
W	.4	1.2	2.2	.6								4.4	7.4
WNW	.5	1.0	1.0	.4								2.8	6.9
NW	.1	.4										.5	3.8
NNW	.2	.5										.7	4.2
VARBL													
CALM												4.0	
	19.3	41.0	30.9	4.7	.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 810

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72315 TATALINA AFS AK

73-81

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS - (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	.7	.5								3.2	6.3
NNE	1.7	2.6	2.5	.1								6.9	5.7
NE	1.7	7.3	6.8	1.0								16.8	6.5
ENE	2.0	6.7	4.0	.6								13.2	6.0
E	3.7	6.2	2.6	.1								12.6	4.7
ESE	1.6	.7										2.3	3.2
SE	1.0	.7		.1								1.9	4.1
SSE	1.0	.5	.1	.2								1.9	4.3
S	2.0	3.8	1.5	.7	.1							8.2	6.1
SSW	2.1	2.0	2.5	.5	.1							7.2	6.1
SW	.7	1.4	3.1	.4								5.6	7.2
WSW	.4	1.4	.7	.5								3.0	6.7
W	1.2	2.5	1.1	.9	.1							5.8	6.4
WNW	.6	1.1	1.6	.6								4.0	7.4
NW	.5	.4	.6									1.5	5.3
NNW	.6	.9		.1								1.6	4.5
VARBL													
CALM												4.4	
	21.5	39.4	27.8	6.4	.4							120.0	5.6

TOTAL NUMBER OF OBSERVATIONS

879

USAFETAC

FORM
JUL 64

0-8-5 OL-A - PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315 TATALINA AFS AK 73-76,78-81 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	3.4	1.3	.5								6.9	5.2
NNE	2.4	3.9	2.1									8.4	5.0
NE	4.4	6.0	6.1	.8								17.3	5.8
ENE	3.9	3.5	3.1									10.5	4.8
E	1.8	1.8	1.0									4.5	5.1
ESE	.8											.8	1.8
SE	.5											.5	2.0
SSE	.3	.2	.2	.2								.8	6.4
S	1.9	1.9	.8	.2								4.8	4.3
SSW	1.1	1.8	1.8	.8								5.5	6.7
SW	1.5	2.7	1.6	.3								6.1	5.6
WSW	1.9	1.6	1.1									4.7	4.9
W	2.6	3.1	2.3									7.9	5.1
WNW	1.3	1.0	1.8	.2								4.2	6.0
NW	.3	.5	1.0	.3								2.1	7.2
NNW	1.3	1.0		.3								2.6	4.4
VARBL													
CALM												12.4	
	27.7	32.3	24.0	3.5								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

620

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-2315

TATALINA AFS AK

75-81

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	.9	.2								3.5	5.8
NNE	4.9	4.9	3.0	.4								13.1	5.1
NE	4.5	6.7	3.5	1.1								15.9	5.6
ENE	2.8	1.9	2.2	.2	.2							7.3	5.4
E	2.8	1.1	.4									4.3	3.3
ESE	.6	.4										.9	3.0
SE	.6											.6	2.3
SSE			.4									.4	7.0
S	.6	1.1	.4	.4	.2							2.6	6.5
SSW	.9	2.4	1.3	.6								5.2	6.5
SW	2.1	2.1	1.1	.6	.2							6.0	5.5
WSW	1.9	.9	.2	.2								3.2	3.9
W	3.7	2.4	1.1	.4								7.6	4.3
WNW	1.5	1.9	.2									3.5	4.1
NW	.6	.7										1.3	3.7
NNW		.6		.2								.7	6.8
VARBL													
CALM												23.9	
	28.0	28.7	14.7	4.1	.6							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

536

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATIONTATALINA AFS AK
STATION NAME73-91
YEARSAPR
MONTHALL WEATHER
CLIMALL
HOURS (LST)

CONDITION

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.3	.9	.2								3.3	5.3
NNE	2.2	3.3	2.5	.2								8.2	5.5
NE	3.4	6.5	5.7	.6								11.1	5.8
ENE	3.3	5.9	2.9	.3	.0							12.4	5.2
E	3.8	4.5	1.2	.1								9.7	4.3
ESE	1.3	.8	.2									2.3	3.6
SE	.5	.3	.0	.0								.9	3.5
SSE	.6	.3	.2	.1								1.1	4.3
S	1.8	2.2	1.0	.4	.1							5.5	5.4
SSW	1.8	2.0	1.6	.6	.1	.0						6.1	6.0
SW	1.4	1.6	1.5	.4	.1							5.0	6.0
WSW	1.0	1.2	.6	.2								3.0	5.1
W	1.7	1.7	1.1	.3	.0							4.9	5.3
WNW	.8	1.1	.8	.3								2.9	5.8
NW	.2	.3	.2	.1								.8	5.4
NNW	.3	.4		.1								.7	4.5
VARBL													
CALM												17.0	
	25.0	33.5	20.5	3.6	.2	.0						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

5926



USAFETAC FORM 64-5-01-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-2000
HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	.3									3.0	4.1
NNE	3.4	5.2	1.5									10.1	4.4
NE	4.2	3.4	1.5	.4								9.5	4.6
ENE	2.4	2.3	.8									5.4	4.2
E	1.3	.7	.3									2.3	3.6
ESE	.3											.3	2.5
SE	.5	.3										.8	3.0
SSE	.4	.3	.1									.9	3.8
S	1.7	1.2	.5									3.4	4.0
SSW	2.4	2.1	.4	.1								5.0	4.2
SW	3.2	4.0	1.3	.3								8.7	4.8
WSW	3.7	3.0	.5	.1								7.4	4.0
W	3.8	3.6	.7	.1								8.2	4.0
WNW	.9	.8	1.3	.1								3.2	5.6
NW	.4	.8										1.2	3.9
NNW		.4	.1									.5	5.3
VARBL													
CALM												30.1	
	29.9	29.5	9.3	1.2								170.0	3.0

TOTAL NUMBER OF OBSERVATIONS

755

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-2315
STATION

TATALINA AFS AK

STATION NAME

73-81

YEARS

MAY

MONTH

ALL WEATHER

CLASS

0300-0500

HOURLY (LST)

CONDITION

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	.4									2.3	4.2
NNE	1.9	2.5	1.3	.1								5.9	5.0
NE	3.2	4.8	1.9	.2								10.2	4.9
ENE	3.5	1.8	.2	.4								5.9	3.9
E	2.8	2.0	.1									4.9	3.3
ESE	.6	.1										.7	3.0
SE	.4											.4	1.7
SSE	.1	.2	.1									.5	4.8
S	2.2	1.2	.4									3.7	3.6
SSW	3.1	3.1	.7	.4								7.3	4.3
SW	4.9	3.2	.6									8.8	3.6
WSW	3.8	3.2	.2	.4								7.7	3.8
W	3.6	2.2	.2	.1								6.1	3.5
WNW	.7	1.3	1.0									3.0	5.1
NW	.4	.2	.1									.7	4.0
NNW			.4									.4	8.7
VARBL													
CALM												31.5	
	32.5	26.8	7.6	1.7								120.2	2.8

TOTAL NUMBER OF OBSERVATIONS

832

USAFETAC

FORM
JUL 64

0-8-4 OLVA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK

STATION NAME

73-81

YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-2000
HOURS L. S. T.

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.7	.7	.2								2.3	5.7
NNE	1.7	1.2	1.1									4.3	4.7
NE	3.7	5.5	4.1	.5								13.8	5.4
ENE	4.6	3.4	1.7									9.6	4.3
E	5.2	2.6	.7	.1								8.7	3.6
ESE	1.7	1.3	.1									2.8	3.5
SE	.6	.6		.1								1.3	4.3
SSE	1.3	.6	.1	.1								1.8	3.8
S	3.4	2.1	.7									6.1	3.7
SSW	4.3	2.6	.7	.5	.1							8.3	4.5
SW	2.9	2.9	.8	.1								6.7	4.3
WSW	1.6	1.3	.2									3.1	4.3
W	1.1	2.4	.8	.1								4.4	5.1
WNW	.4	1.3	.6									2.3	5.3
NW	.5	.2										.7	3.2
NNW	.2	.2										.5	3.8
VARBL													
CALM												23.6	
	3.3	28.7	12.5	1.8	.1							120.3	3.4

TOTAL NUMBER OF OBSERVATIONS

832

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 2315 TATALINA AFS AK

73-81

MAY

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

3900-1100

MOUSE (L S T)

CONDITION

SPEED KNOTS D.R	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	.5	.5									1.9	4.4
NNE	1.6	3.7	1.7	.1								7.1	5.1
NE	2.2	7.7	4.6	.4								14.0	5.9
ENE	2.0	6.0	4.0	.5								12.5	5.9
E	3.5	6.5	1.8	.1								11.9	4.7
ESE	1.0	1.2	.6									2.8	4.7
SE	1.8	2.0	.2									4.1	3.9
SSE	.6	2.3										2.9	4.3
S	3.8	4.0	1.9									9.7	4.7
SSW	2.5	1.8	1.2	.4								5.9	4.9
SW	2.2	2.0	1.8	.2								6.2	5.5
WSW	1.3	1.2	.6	.2								3.4	4.8
W	1.1	2.9	1.0	.1								5.0	5.0
WNW	.8	1.1	.5	.1								2.5	5.1
NW	.5	.7	.4	.2								1.8	5.8
NNW	.4	.2										.6	4.0
VARBL													
CALM												7.8	
	26.1	43.0	20.6	2.4								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

834

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72315 TATALINA AFS AK

73-81

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (LST)

CONDITION

SPEED KNOTS D.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	1.4	.1								3.7	6.4
NNE	1.9	2.5	1.8									6.2	5.3
NE	1.6	4.8	3.8	.7								10.9	6.2
ENE	1.4	7.2	4.2	1.0	.1							13.9	6.5
E	2.5	4.4	2.6	.5								10.2	5.6
ESE	2.8	2.3	.6	.1								5.8	4.1
SE	1.2	1.8	.5	.1								3.5	4.5
SSE	.8	1.7	.2									2.8	4.2
S	2.8	4.3	2.0	.5								9.6	5.3
SSW	1.9	3.8	1.2	.2								7.2	5.2
SW	.8	2.2	1.8	1.0								5.3	6.8
WSW	.7	1.0	1.3	.7								3.7	7.3
W	.5	1.7	2.3	.4								4.8	6.8
WNW	1.0	1.6	1.2									3.7	5.4
NW	.4	.6	.5	.1								1.6	6.2
NNW	.6	.2	.4									1.2	5.3
VARBL													
CALM												5.3	
	21.5	41.8	25.9	5.4	.1							100.2	5.4

TOTAL NUMBER OF OBSERVATIONS

833

USAFETAC

FORM
JUL 64

DB-5 (CL-4) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72315 TATALINA AFS AK

73-81

MAY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.2	1.3	.1								4.9	5.5
NNE	1.1	3.2	1.8	.1								6.2	5.6
NE	1.8	4.8	4.2	.4								11.2	6.0
ENE	1.8	4.2	4.4	1.1	.1							11.7	5.9
E	2.2	3.2	1.9	.5	.1							7.9	6.0
ESE	1.7	1.3	.2									3.2	3.4
SE	1.3	1.3										2.6	3.7
SSE	.4	1.8	1.1									3.2	5.8
S	2.3	3.5	1.0	.2								7.3	4.0
SSW	3.1	3.5	2.6	.2								9.5	5.4
SW	1.0	2.5	2.0	.7								6.2	6.6
WSW	.7	1.2	1.3	1.1								4.3	7.4
W	2.4	2.5	3.4	.5								8.8	6.0
WNW	1.0	1.9	1.1									4.0	5.5
NW	1.1	1.2	.5									2.8	4.7
NNW	.6	.4	.4									1.3	4.4
VARBL													
CALM												5.0	
	23.7	38.8	27.3	4.9	.2							170.0	5.5

TOTAL NUMBER OF OBSERVATIONS

832

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7 2315

TATALINA AFS AK

73-81

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1900-2000

NOVEMBER

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.6	1.8									8.0	4.8
NNE	2.3	3.2	1.5									7.0	4.6
NE	2.3	4.6	2.7									9.6	5.2
ENE	1.8	3.0	3.5	.5								8.8	6.3
E	1.0	2.0	1.8	.3	.2							5.3	6.7
ESE	2.3	1.0	.2									3.5	3.4
SE	.8	.7										1.5	3.7
SSE	.3	.5	.5									1.3	5.0
S	2.2	2.5	.7									5.3	4.3
SSW	1.8	2.8	.8									5.5	4.6
SW	1.8	2.5	2.7	.8								7.8	6.1
WSW	2.2	2.5	3.0									7.6	5.6
W	2.8	4.6	2.8									10.3	5.3
WNW	.8	2.2	.3									3.3	4.5
NW	1.5	.5	.3									2.3	3.9
NNW	1.5	1.3	.3									3.2	3.9
VARBL													
CALM												9.8	
	28.0	37.5	22.9	1.7	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

603

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 2315 TATALINA AFS AK

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS OF DAY

CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.1	4.2	1.5									8.8	4.4
NNE	3.1	6.2	.7									10.1	4.4
NE	3.3	2.8	.9	.2								7.2	4.2
ENE	1.1	2.2	1.8	.2								5.1	5.7
E	1.3	.9	.4	.2								2.8	4.3
ESE	.5											.5	1.3
SE		.2										.2	5.7
SSE	.6	.4	.2									1.1	4.7
S	2.5	1.3										3.3	3.2
SSW	3.1	2.6	1.1									6.8	4.3
SW	2.8	1.7	1.1	.2								5.7	4.4
WSW	4.8	3.1	.6	.4								8.8	4.7
W	6.1	3.1	1.3	.6								11.0	4.2
WNW	2.8	2.2	.6	.2								5.5	4.5
NW	.5	.9	.2									1.7	4.7
NNW	.7	.7	.2									1.7	4.7
VARBL													
CALM												19.7	
	35.8	32.2	10.5	1.8								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

544

USAFETAC

FORM 10-64

UNLESS OTHERWISE SPECIFIED, ALL DATA ARE IN METRIC

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

77315 TATALINA AFS AK 73-81
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDIT ON
MAY
MONTH
ALL
HOURS L Y

SPEED KNOTS OR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	.9	.1								4.0	5.0
NNE	2.1	3.3	1.5	.0								6.9	4.9
NE	2.8	4.8	3.1	.4								11.0	5.5
ENE	2.4	3.9	2.6	.5	.0							9.4	5.7
E	2.6	3.0	1.2	.2	.0							7.0	4.9
ESE	1.4	.9	.2	.0								2.5	3.8
SE	.9	.9	.1	.0								1.9	3.9
SSE	.5	1.0	.3	.0								1.9	4.6
S	2.6	2.6	1.0	.1								6.2	4.5
SSW	2.8	2.8	1.1	.2	.0							7.0	4.7
SW	2.4	2.7	1.5	.4								7.0	5.2
WSW	2.2	2.0	.9	.4								5.5	4.9
W	2.5	2.8	1.5	.2								7.0	5.0
WNW	1.0	1.5	.8	.0								3.3	5.1
NW	.5	.6	.2	.0								1.6	4.7
NNW	.5	.4	.2									1.1	4.6
VARBL													
CALM												16.5	
	25.5	34.9	17.3	2.7	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 6055

USAFETAC FORM 1041-1041 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7.2315 TATALINA AFS AK 73-81 JUN
STATION MONTH
ALL WEATHER 0000-2200
CLASS HOURS (LST)
CONDITION

SPEED KNOTS D.P.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	1.8	.7	.1									2.7	3.1
NNE	2.1	.4	.3	.1								2.9	3.7
NE	1.3	1.3	.4	.3								3.2	4.9
ENE	.3	.7	.3									1.3	4.4
E	1.0	.4	.1									1.5	3.3
ESE	.7											.7	1.6
SE				.1								.1	12.0
SSE	.6		.4									1.0	5.0
S	2.5	2.4	.6	.1								5.8	4.1
SSW	5.6	3.2	1.4	.1								10.3	4.0
SW	6.0	2.9	1.3	.1		.1						10.6	4.1
WSW	4.7	2.1	.8	.1								7.8	3.8
W	7.0	4.2	2.0	.1								13.3	4.0
WNW	1.1	2.2	.8	.1								4.3	4.9
NW	.8		.3									1.1	4.1
NNW	.4	.3										.7	3.0
VARBL												33.0	
CALM													
	35.9	20.8	9.8	1.4		.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 716

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7.2315 TATALINA AFS AK 73-81 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER 0300-1500
CLASS HOURS LT ST
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.6										1.4	3.2
NNE	1.5	.5		.1								2.2	3.4
NE	2.4	.6										3.0	2.6
ENE	1.1	1.3										2.4	3.6
E	1.5	.6										2.2	2.9
ESE	.5											.5	2.3
SE	.3											.3	2.0
SSE	.6	.1		.1								.9	4.3
S	3.8	2.3	.5	.3								6.7	4.0
SSW	6.5	5.2	.6		.1							12.5	3.9
SW	7.1	2.9	1.3	.4								11.7	3.8
WSW	3.8	4.7	.3	.1								8.9	4.0
W	4.7	2.7	.6	.4								8.4	3.9
WNW	.9	.8	.4									2.0	4.6
NW	.1	.3										.4	4.3
NNW		.3										.3	4.5
VARBL													
CALM												36.2	
	35.7	22.9	3.7	1.4	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 797

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315 TATALINA AFS AK 73-81 JUN
STATION STATION NAME YEAR MONTH
ALL WEATHER CLASS 0600-0600 HOURS U.S.T.
CONDITION

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.3										.8	3.7
NNE	1.3	.9	.4									2.5	4.2
NE	2.9	1.4	.1									4.4	3.2
ENE	2.3	2.9	.3									5.5	3.7
E	2.8	1.0	.3									4.1	3.1
ESE	1.3	.1										1.4	2.4
SE	.6											.6	2.6
SSE	1.9	.3	.1									2.3	2.8
S	4.3	5.2	1.1	.5								11.2	4.5
SSW	6.5	5.3	3.0									14.8	4.4
SW	4.7	5.3	2.0	.4								12.4	4.6
WSW	1.9	2.2	.8	.1								4.9	4.5
W	2.8	3.0	1.1	.1								7.1	4.5
WNW	1.5	.5	.5									2.5	4.1
NW	.3											.3	1.5
NNW	.1	.1										.3	3.0
VARBL													
CALM												24.9	
	35.7	28.6	9.8	1.1								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 788

4
2
1GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72315 TATALINA AFS AK 73-81 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER 0900-1100
CLASS HOURS (LST)
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.9	.1	.1								2.3	4.7
NNE	1.1	.9	.1									2.2	3.6
NE	2.3	2.0	.8									4.8	4.3
ENE	1.5	2.9	.8	.1								5.3	4.5
E	2.3	2.2	.3	.4								5.1	4.5
ESE	2.0	1.1	.1									3.3	3.3
SE	1.0	1.4										2.4	3.6
SSE	1.3	1.0	.4									2.7	4.1
S	4.2	7.3	1.8	.9								13.8	5.0
SSW	2.8	5.7	3.3	.8								12.6	5.7
SW	3.8	4.8	3.3	.3								12.2	5.0
WSW	1.3	4.4	1.8	.3								7.7	5.6
W	2.3	3.8	2.8	.3								9.1	5.6
WNW	1.4	1.6	1.4	.4								4.8	5.8
NW	.4	1.0	.6									2.3	4.9
NNW	.5	.3	.3									1.3	4.4
VARBL													
CALM												8.9	
	28.8	41.1	17.8	3.4								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 788

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 2315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.9	.4									3.2	4.4
NNE	1.0	1.5	.4									2.9	4.5
NE	1.1	2.4	1.1	.5								5.2	5.1
ENE	1.1	2.5	1.0	.1								4.8	5.2
E	1.0	2.5	1.0	.1								4.7	5.2
ESE	1.0	1.6	.4	.1								3.2	4.8
SE	.6	.8										1.4	3.8
SSE	1.9	.9	.6	.1								3.6	4.3
S	3.9	5.1	2.8	.8								12.6	5.4
SSW	3.7	5.8	3.6	.9								14.0	5.7
SW	3.0	4.8	3.0	.4								11.3	5.5
WSW	.9	3.3	1.8	.3								6.2	6.0
W	1.5	3.8	6.0	.5								11.8	6.5
WNW	1.4	1.6	2.0	.6								5.7	6.5
NW	1.0	1.5	.6									3.2	4.7
NNW	.1	.8	.3									1.1	5.4
VARBL													
CALM												5.2	
	24.4	41.0	25.0	4.4								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

788

USAFETAC

FORM
JUL 64

DAWG 02-44 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 2315
STATION

TATALINA AFS AK

STATION NAME

73-81

YEARS

JUN

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.8	.3									2.8	4.7
NNE	1.5	1.5	.3	.1								3.4	4.2
NE	.9	1.6	1.6									4.2	5.5
ENE	1.2	2.7	1.8	.1								5.1	5.8
E	2.2	1.6	1.8									5.5	4.8
ESE	1.3	.4	.4	.3								2.4	5.2
SE	.8	.3	.1									1.2	3.4
SSE	.7	1.2	.3									2.2	4.4
S	2.5	4.9	2.4	.3								13.1	5.2
SSW	1.5	5.8	4.2	.3								11.7	6.0
SW	2.6	4.6	4.2	.7								12.0	6.0
WSW	1.2	3.4	3.9	.3								6.8	6.5
W	2.0	5.7	5.1	.7								13.5	6.2
WNW	.9	3.0	2.0	.4								6.3	6.4
NW	.9	2.6	.5									4.0	5.0
NNW		.8	.1									.9	5.6
VARBL													
CALM												5.7	
	21.2	41.0	29.0	3.1								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

741

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7.2315
STATION

TATALINA AFS AK

STATION NAME

74-76,78-81

TELEPHONE

JUN
MONTH

ALL WEATHER

CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.5	.2	.2								2.4	5.0
NNE	.7	1.8										2.4	3.8
NE	1.5	1.8	.2									3.5	4.1
NNE	.7	.7	.7									2.0	5.2
E	1.1	1.5	1.3	.2								4.2	5.3
ESE	.9	.4	.2									1.5	3.7
SE	.4	.4										.9	3.5
SSE	1.3	1.5										2.9	3.8
S	3.1	5.3	2.0									10.4	4.9
SSW	2.2	5.3	2.9	.7								11.0	5.8
SW	4.2	5.9	3.5	.4		.2						14.3	5.7
WSW	.9	4.0	1.8	.4	.2							7.3	6.4
W	2.9	5.5	4.6	.2								13.2	5.9
WNW	1.3	4.2	1.5	.4								7.5	5.7
NW	.4	.9	.7									2.0	5.9
NNW		.4	.2									.7	5.7
VARBL													
CALM												13.9	
	22.0	41.2	19.8	2.6	.2	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

454

USAFETAC

FORM
JUL 84

0-8-5 DL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72315 TATALINA AFS AK

75-81

JUN

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

2100-2300

NUMBER OF

CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	.8	.2									3.3	3.6
NNE	2.3	.8	.2									3.3	3.3
NE	2.7	1.7	.4									4.3	3.7
ENE	.4	.4	.2									1.3	5.2
E	.2											.2	2.0
ESE	.8	.4										1.2	2.8
SE	.4											.4	2.5
SSE	.8											.3	2.0
S	2.3	2.5	2.1									6.8	5.4
SSW	4.3	3.5	2.1									9.9	4.5
SW	2.5	6.2	2.3	.2	.2	.2						11.5	5.5
WSW	3.3	2.3	.8	.2								6.5	4.0
W	6.8	5.2	1.7	.2								13.8	4.1
WNW	2.1	2.7	1.0									5.8	4.8
NW	.2	1.0	.8	.2								2.3	5.8
NNW	.4	.6	.2									1.2	4.7
VARBL													
CALM												26.9	
	31.8	28.1	12.0	.8	.2	.2						120.2	3.3

TOTAL NUMBER OF OBSERVATIONS

494

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

712315
STATION

TATALINA AFS AK

STATION NAME

73-31

YEARS

JUN
MONTH

ALL WEATHER

CLASS

ALL
HOURS

CONDITION

SPEED KNOTS D.K.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	.2	.0								2.3	4.1
NNE	1.4	1.0	.2	.1								2.7	3.9
NE	1.9	1.6	.6	.1								4.2	4.4
ENE	1.2	1.8	.6	.1								3.7	4.7
E	1.6	1.3	.6	.1								3.6	4.3
ESE	1.1	.5	.1	.1								1.9	3.3
SE	.5	.4	.0	.0								1.0	3.6
SSE	1.2	.5	.3	.0								2.1	4.0
S	3.4	4.4	1.5	.4								9.8	4.9
SSW	4.2	5.1	2.7	.3	.0							12.3	5.0
SW	4.3	4.6	2.6	.4	.0	.1						11.7	5.7
WSW	2.3	3.3	1.5	.2	.0							7.3	5.1
W	3.6	4.1	3.0	.3								11.0	5.2
WNW	1.3	1.9	1.2	.3								4.7	5.5
NW	.5	.9	.4	.0								1.9	4.9
NNW	.2	.4	.1									.8	4.7
VARBL													
CALM												19.2	
	29.7	33.0	15.7	2.4	.1	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

5546

USAFETAC

FORM
JUL 64

(H-5) (C-4) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7.2315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.3										1.0	2.9
NNE	1.2	.5										1.6	3.3
NE	1.2	1.4	.4									3.0	4.1
ENE	1.1	1.0	.1									2.2	3.4
E	1.5	.1	.4									2.1	3.5
ESE	.1	.1										.3	2.5
SE	.4											.4	2.0
SSE	.1			.1								.3	7.0
S	1.4	1.4	.7	.1								3.5	4.6
SSW	4.1	5.6	1.5									11.2	4.4
SW	5.5	5.9	1.4	.1								12.8	4.2
WSW	5.1	4.2	1.4									10.7	3.8
W	8.1	4.8	1.0									13.8	3.5
WNW	1.4	1.3	.8	.1								4.1	4.8
NW	.8	.3	.3									1.4	4.0
NNW	.3											.3	2.0
VARBL													
CALM												11.1	
	33.0	27.4	7.9	.5								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 730

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 2315
STATION

TATALINA AFS AK

STATION NAME

73-91

YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS LST

CONDITION

SPEED KNOTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.2	2.5
NNE	1.1	.2										1.4	2.5
NE	1.4	1.7	.2									3.4	4.2
ENE	1.7	.9										2.6	3.2
E	1.9	.2	.1									2.2	2.8
ESE	.2											.2	2.0
SE													
SSE	.6		.2									.9	4.7
S	1.4	2.6	.9	.1								5.0	4.8
SSW	5.7	4.6	1.6	.2								12.2	4.4
SW	6.2	6.0	1.0									13.2	3.9
WSW	5.2	4.2	1.0									10.5	3.7
W	6.9	3.7	.4	.2								11.2	3.4
WNW	2.6	1.1	.2									4.0	3.5
NW	.5	.9	.1									1.5	3.7
NNW	.4		.1									.5	4.5
VARBL													
CALM												30.8	
	36.2	26.3	6.0	.6								100.3	2.7

TOTAL NUMBER OF OBSERVATIONS

831

USAFETAC

FORM
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7.2315
STATION

TATALINA AFS AK

73-81

JUL

ALL WEATHER
CLASS

0600-0800
HOURS LST

SPEED KNOTS OR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5											.5	2.5
NNE	.7	.2										1.5	2.9
NE	2.2	1.6	.2									4.1	3.5
ENE	2.4	1.4	.2									4.3	3.3
E	3.1	1.6										4.7	3.0
ESE	1.7	.1										1.9	2.1
SE	1.0	.4										1.4	2.8
SSE	.5	.7	.2									1.5	4.6
S	4.0	2.6	1.5	.1								7.7	4.0
SSW	6.7	5.7	2.5	.1								15.0	4.4
SW	5.8	5.3	1.2	.5								12.9	4.3
WSW	2.9	1.7	.7									5.3	4.0
W	3.5	2.1	.7	.2								6.6	4.2
WNW	.9	.7	.1	.1								1.9	4.3
NW		.4										.4	4.3
NNW	.1	.1										.2	3.5
VARBL													
CALM												30.8	
	36.1	24.9	7.1	1.1								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

504

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7.2315

TATALINA AFS AK

73-81

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (LST)

CONDITION

WIND SPEED DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED	
N	.8	.3	.1									1.1	3.3
NNE	1.5	.9										2.4	3.4
NE	2.5	2.1	1.1									5.3	4.3
ENE	1.8	3.1	.6									5.5	4.5
E	3.0	2.5	1.0									6.5	4.1
ESE	1.3	.8	.1	.1								2.5	3.8
SE	1.1	1.1										2.3	3.4
SSE	2.3	1.3	.5									3.8	4.1
S	4.9	6.9	2.2									13.9	4.5
SSW	6.5	6.1	3.6	.4								16.6	4.7
SW	3.6	3.4	3.5	.3								10.8	5.3
WSW	.8	1.8	1.1	.3								3.9	5.5
W	3.4	4.0	1.6									9.0	4.5
WNW	1.0	2.1	1.1									4.3	5.2
NW	.3	.4										.6	3.4
NNW													
VARBL													
CALM												11.1	
	34.8	36.6	16.5	1.0								170.0	4.1

TOTAL NUMBER OF OBSERVATIONS

800

USAFETAC FORM 44-1 (REV. 1-64) PREPARED BY THE CLIMATE BRANCH, AFMPC

AD-A128 118 TATIALINA AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83
UNCLASSIFIED USAFETAC/DS-83/004 SBI-AD-E850 368 F/G 4/2

TATALINA AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83
USAFETAC/DS-83/004 SBI-AD-E850 388 F/G 4/2

215

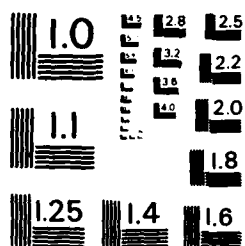
UNCLASSIFIED

USAFETAC/DS-83/004 SBI-AD-E850 368

F/G 4/2

NL

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	.1									2.6	3.7
NNE	1.0	1.2	.1									2.7	3.9
NE	1.6	2.9	.9									5.4	4.7
ENE	.9	2.0	1.5	.2								4.6	5.8
E	1.7	2.1	.7	.1								4.7	4.7
ESE	2.5	1.2	.1									3.9	3.3
SE	1.0	2.0										3.0	4.1
SSE	.9	2.1	.1									3.1	4.2
S	4.1	7.0	3.6	.5								15.2	5.2
SSW	4.5	6.7	3.6	.9								15.7	5.4
SW	2.7	4.5	3.2	.2	.1							10.8	5.7
WSW	1.0	2.4	1.4	.1								4.9	5.7
W	2.0	4.4	1.9	.4								8.6	5.3
WNW	1.0	2.1	1.7	.1								5.0	5.8
NW	.6	.4	.5									1.5	5.3
NNW	.6	.5	.2									1.4	4.3
VARBL													
CALM												6.6	
	27.9	43.0	19.8	2.6	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

803

0
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73-74,76-81
YEARS

JUL
MONTH

ALL WEATHER
CLAS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.1	.1									2.7	3.6
NNE	1.3	1.3										2.6	3.7
NE	2.6	1.9	.3									4.7	3.7
ENE	1.0	1.7	1.9	.1								4.7	5.9
E	2.3	1.9	.7									4.9	4.2
ESE	1.9	.7	.1									2.7	3.1
SE	1.3	1.1	.1									2.6	3.7
SSE	1.1	2.1	.3									3.6	4.4
S	2.7	5.4	2.1	.4								10.7	5.4
SSW	4.1	5.7	4.6	1.0								15.4	5.7
SW	2.3	6.0	3.3	.6		.1						12.3	5.9
WSW	1.6	3.4	.7	.1								5.6	4.8
W	2.0	4.0	2.0	.6								8.6	5.6
WNW	1.9	2.7	2.6	.6								7.7	6.1
NW	1.1	1.3	.6	.1								3.1	5.1
NNW	.3	.3	.1									.7	4.6
VARBL													
CALM												7.3	
	28.8	40.7	19.5	3.6		.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

701

0
2
1GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315

TATALINA AFS AK

74,76-81

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.8	.6									5.3	3.8
NNE	2.8	1.0	.6									4.4	3.5
NE	.8	1.6	.4									2.8	4.6
ENE	1.4	1.0	1.0									3.4	4.8
E	.8	.2	1.0	.2								2.2	6.2
ESE	.2	.4										.6	3.7
SE	1.6	.2										1.8	2.8
SSE	1.0	.4										1.4	2.4
S	1.8	3.6	2.2	.2								7.8	5.3
SSW	3.4	5.4	4.6	.6								14.1	5.6
SW	3.8	4.8	2.4	.2								11.3	5.0
WSW	1.6	3.2	1.0	.6								6.4	5.3
W	3.8	5.2	2.0	.2								11.3	4.6
WNW	1.8	2.6	2.0	.2								6.6	5.5
NW	.8	2.6	.2									3.6	5.1
NNW	.4	1.0		.2								1.6	5.4
VARBL													
CALM												15.5	
	28.8	35.2	18.1	2.4								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

997

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

75-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
DDDD (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.7	.4									4.4	3.6
NNE	3.0	1.0										4.0	3.0
NE	2.1	1.5		.2								3.8	3.6
ENE	.2	1.1	.4									1.7	5.2
E	.4	.2	.2	.2								1.0	6.0
ESE	.4											.4	2.0
SE	.2											.2	2.0
SSE		.2										.2	4.0
S	2.3	2.1	.4									4.8	4.0
SSW	4.0	3.4	3.4	.2								11.0	5.2
SW	4.0	5.0	1.7	.2								10.9	4.6
WSW	4.4	2.7	.6									7.6	3.6
W	5.9	2.9	1.0	.2								9.9	3.6
WNW	2.9	2.9	1.1	.4								7.2	4.7
NW	1.1	1.3	1.0									3.4	4.6
NNW	.6	1.3										1.9	4.2
VARBL													
CALM												27.6	
	33.7	27.2	10.1	1.3								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

525

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
NUMBER (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.7	.1									1.9	3.5
NNE	1.5	.8	.1									2.4	3.3
NE	1.8	1.9	.5	.0								4.2	4.1
ENE	1.4	1.6	.7	.1								3.7	4.6
E	2.0	1.2	.5	.1								3.7	4.0
ESE	1.2	.4	.1	.0								1.7	3.1
SE	.8	.7	.0									1.5	3.5
SSE	.8	.9	.2	.0								1.9	4.2
S	2.9	4.1	1.6	.2								8.8	4.8
SSW	5.0	5.5	3.1	.4								14.1	4.9
SW	4.3	5.1	2.2	.3	.0	.0						11.9	4.8
WSW	2.8	2.9	1.0	.1								6.9	4.4
W	4.4	3.9	1.3	.2								9.8	4.3
WNW	1.6	1.9	1.2	.2								4.9	5.1
NW	.6	.8	.3	.0								1.8	4.6
NNW	.3	.3	.1	.0								.7	4.4
VARBL													
CALM												20.1	
	32.6	32.7	13.0	1.6	.0	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

5661

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLAS

0000-0200
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.4										1.1	2.9
NNE	1.5	1.4	.3									3.2	4.1
NE	2.9	1.5	.1									4.6	3.3
ENE	2.8	1.8	.1									4.7	3.2
E	2.9	.7										3.6	2.6
ESE	.6											.6	2.5
SE	.3											.3	1.5
SSE	.3	.3										.6	3.0
S	1.8	1.5	.7	.1								4.2	4.8
SSW	2.8	2.4	.7	.3								6.1	4.6
SW	5.4	4.0	.8	.1								10.4	3.8
WSW	5.0	2.6	.4									8.1	3.3
W	7.9	1.5	.3									9.7	2.7
WNW	2.4	.8	.1									3.3	3.0
NW	.7	.4	.3	.1								1.5	4.9
NNW	.3	.3										.6	4.3
VARBL													
CALM												37.5	
	38.2	19.7	3.9	.7								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315

TATALINA AFS AK

73-81

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0300-0500

MOON (L B V)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.1										.9	2.4
NNE	1.3	.8	.1									2.1	3.5
NE	3.4	1.8	.6									5.8	3.4
ENE	3.5	1.6	.4									5.5	3.4
E	3.5	.4										3.9	2.5
ESE	.9											.9	1.9
SE	.4											.4	1.7
SSE	.3	.4	.1									.8	4.3
S	2.9	1.8	.6									5.3	3.8
SSW	5.4	2.5	.8	.5								9.1	4.0
SW	6.6	3.5	1.0	.1								11.3	3.7
WSW	3.8	1.6	.3	.1								5.8	3.5
W	6.1	1.4	.1									7.6	2.7
WNW	1.6	.8										2.4	2.9
NW	.4		.1									.5	4.0
NNW	.1	.1										.3	3.5
VARBL													
CALM												37.8	
	40.8	16.6	4.1	.8								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1										.4	3.0
NNE	1.2	.7										2.0	3.1
NE	2.6	2.6	1.1									6.4	4.3
ENE	3.5	2.4	.2									6.1	3.6
E	4.7	1.9										6.6	2.8
ESE	1.6	.4										2.0	2.4
SE	.4	.2										.6	3.0
SSE	.4	.7										1.1	3.4
S	3.7	2.1	.1	.1								6.1	3.6
SSW	5.6	4.9	1.1	.1								11.7	4.0
SW	6.4	3.7	.9	.2								11.2	3.6
WSW	2.9	1.1	.4									4.4	3.3
W	3.6	1.5	.2									5.4	3.3
WNW	.7	.5										1.2	2.8
NW	.2											.2	2.0
NNW	.1	.4										.5	4.0
VARBL													
CALM												34.0	
	38.1	23.3	4.1	.5								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

801

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315 STATION TATALINA AFS AK 73-81 YEARS AUG
STATION NAME CLASS MONTH
ALL WEATHER
CONDITION
0900-1100
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.5		.1								1.2	4.2
NNE	.6	1.4										2.0	4.1
NE	3.2	4.5	2.1	.1								10.9	4.7
ENE	3.4	4.2	1.6	.1								9.4	4.6
E	5.2	3.1	.7									9.1	3.6
ESE	3.0	1.2	.1									4.4	2.9
SE	1.1	.6										1.7	3.2
SSE	1.7	1.2	.5									3.5	4.2
S	4.6	5.1	1.9	.2								11.9	4.5
SSW	5.4	5.4	1.9	.5								13.1	4.6
SW	3.7	3.5	1.4	.1								8.7	4.4
WSW	1.4	1.4	.7	.2								3.7	5.0
W	1.7	2.2	1.1									5.1	4.6
WNW	1.4	1.0	.6									3.0	4.6
NW	.1	.1										.2	3.0
NNW	.2	.2	.1									.6	4.6
VARBL													
CALM												12.2	
	37.6	35.8	12.9	1.5								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 801

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YY-SS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	.6	.5										1.1
NNE	1.5	1.3										2.8
NE	2.0	6.3	1.6									9.9
ENE	2.5	4.6	1.8	.5								9.4
E	3.0	3.9	.9									7.8
ESE	1.9	.9		.1								2.9
SE	2.1	.4	.5									3.3
SSE	2.5	1.6										4.1
S	4.8	7.3	2.9	.3								15.1
SSW	3.0	5.8	2.0	.4								11.1
SW	2.5	4.6	2.4	.1								9.6
WSW	.8	2.4	1.5	.4								5.3
W	2.0	2.9	1.9									6.8
WNW	.8	1.5	.9									3.1
NW	.3	.4	.3									.9
NNW	.4	.1	.4									.9
VARBL												
CALM												6.6
	30.5	44.3	16.9	1.8								100.3

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

406
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.0	.3									4.1	3.8
NNE	1.1	2.7	.2									3.9	4.1
NE	1.7	3.4	.9									6.1	4.8
ENE	2.2	3.9	1.6									7.7	5.0
E	2.8	4.1	.9	.2								8.0	4.5
ESE	2.2	.9										3.1	3.1
SE	.6	.6										1.3	3.1
SSE	.8	1.7	.3	.2								3.0	5.0
S	3.0	4.5	2.8	.8								11.1	5.7
SSW	3.6	4.8	2.8	.8								12.0	5.2
SW	2.8	5.3	1.7	.2								10.0	4.8
WSW	1.6	2.8	1.6	.3								6.3	5.7
W	2.3	3.3	3.1	.3								9.1	5.7
WNW	1.1	1.4	.2	.2								2.8	4.9
NW	.3	.2										.5	3.3
NNW	.2	.6	.9	.2								1.9	6.4
VARBL													
CALM												9.4	
	28.0	42.3	17.3	3.0								120.0	4.5

TOTAL NUMBER OF OBSERVATIONS 640

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315 TATALINA AFS AK

73-74,76-81

AUG
MONTH

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

1800-2000
HOURS

CONDITION

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	1.7	.6	.2								5.7	3.6
NNE	2.0	2.0										4.1	3.2
NE	3.5	2.6	.6									6.6	3.9
ENE	2.2	3.1	.7									6.1	4.4
E	1.7	.6	.7									2.9	4.3
ESE	.6	.2		.2								.9	4.8
SE	.4											.4	3.3
SSE	1.3	.4	.2									1.8	3.5
S	3.1	3.3	2.0	.4								8.8	4.9
SSW	3.5	3.9	.6									7.9	3.9
SW	4.6	3.5	3.3									11.4	4.8
WSW	2.8	2.2	1.8									6.8	4.7
W	2.8	3.1	1.3									7.2	4.2
WNW	1.5	1.7	.4									3.5	3.9
NW	.6	.4										.9	3.4
NNW	.2	.4	.4									.9	6.2
VARBL													
CALM												23.9	
	33.9	28.9	12.5	.7								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

503

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315

TATALINA AFS AK

75-81

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURLY (L & T)

CONDITION

SPEED KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.5	.4	.2								4.5	4.0
NNE	4.9	2.5										7.4	3.1
NE	2.8	2.6										5.5	3.6
ENE	1.7	1.5	.6									3.8	4.2
E	1.1	.6	.2									1.9	3.3
ESE	.2	.4										.6	4.0
SE		.2										.2	4.0
SSE													
S	1.3	2.1	.6									4.0	4.3
SSW	3.0	2.3	1.1	.2								6.6	4.6
SW	4.5	3.2	.4	.2								8.3	3.8
WSW	6.6	2.1	.8									9.5	3.1
W	8.5	2.1	.2	.2								11.0	2.9
WNW	3.2	.4										3.6	2.5
NW	.9	.2	.4									1.5	4.1
NNW	.2	.9	.4									1.5	5.3
VARBL													
CALM												30.2	
	41.6	22.5	4.9	.8								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

529

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLIM

ALL
MOON (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.8	.1	.1								2.1	3.6
NNE	1.6	1.5	.1									3.2	3.5
NE	2.8	3.2	1.0	.0								7.0	4.2
ENE	2.8	2.9	.9	.1								6.7	4.3
E	3.3	2.0	.4	.0								5.7	3.6
ESE	1.4	.5	.0	.0								2.0	3.0
SE	.7	.3	.1									1.0	3.2
SSE	.9	.8	.1	.0								1.9	3.9
S	3.3	3.5	1.4	.2								8.5	4.7
SSW	4.1	4.1	1.4	.4								9.9	4.5
SW	4.6	3.9	1.5	.1								10.2	4.3
WSW	2.9	2.0	.9	.1								6.0	4.2
W	4.3	2.2	1.0	.1								7.5	3.8
WNW	1.5	1.0	.3	.0								2.8	3.8
NW	.4	.2	.1	.0								.7	4.1
NNW	.2	.4	.2	.0								.8	5.3
VARBL													
CALM												23.9	
	36.1	29.3	9.5	1.2								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 5634

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	1.0									3.2	5.8
NNE	3.5	2.9	2.2									8.7	4.8
NE	4.9	7.1	3.8									15.8	4.9
ENE	3.2	2.2	.1									5.6	3.5
E	4.1	2.0	.1									6.2	3.0
ESE	.7	.1										.8	2.5
SE	.3											.3	1.5
SSE	.3	.1	.1	.1								.7	6.0
S	.8	1.8	.7									3.4	4.8
SSW	2.2	2.4	.4	.1								5.2	4.2
SW	3.1	1.8	1.8									6.7	4.6
WSW	3.2	1.0	.8									5.0	3.8
W	3.1	2.0	1.0	.4	.1							6.6	4.8
WNW	1.5	.4	.7	.4								3.1	5.5
NW	.1		.1									.3	6.0
NNW	.3	.4	.7									1.4	5.8
VARBL													
CALM												27.0	
	31.9	26.1	13.7	1.1	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315

TATALINA AFS AK

73-81

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLAS

COMBITION

0300-0500

HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.9	.8									2.7	4.9
NNE	3.0	2.8	2.2	.1								8.1	5.0
NE	5.6	7.8	2.8									16.3	4.5
ENE	3.0	3.5	.5									6.9	3.9
E	3.6	1.3	.1									5.0	2.7
ESE	.5	.3		.1								.9	4.6
SE													
SSE	.1	.3										.4	4.7
S	2.1	1.8	.3									4.1	3.8
SSW	3.2	1.8	.9	.5								6.4	4.6
SW	3.2	1.4	.5	.3								5.4	4.0
WSW	3.6	.6	.9									5.1	3.5
W	2.4	2.7	.8	.5	.3							6.7	5.2
WNW	1.8	1.0	.1	.1								3.1	3.4
NW	.3	.3	.1									.6	4.6
NNW	.4	.1	.3									.8	5.0
VARBL													
CALM												27.5	
	33.8	26.6	10.3	1.7	.3							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

779

8
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315

TATALINA AFS AK

73-81

SEP

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

CLAS

0600-0800

MOVES (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.8	1.0	.6									2.4	4.9
NNE	1.7	1.7	1.5									4.9	5.0
NE	4.1	7.7	4.2	.4								16.3	5.3
ENE	5.2	3.3	1.1									9.7	3.8
E	4.1	2.3	.3									6.6	3.3
ESE	1.3	.4										1.7	2.7
SE				.1								.1	12.0
SSE	.6	.3										.9	2.9
S	1.8	1.7	.4	.1								4.0	4.4
SSW	4.0	2.3	1.0	.3								7.5	4.2
SW	3.8	2.4	.3	.3								7.0	3.9
WSW	2.4	1.1	.3									3.8	3.4
W	2.6	.9	1.4	.3								5.1	4.8
WNW	.9	.1	.8									1.8	5.4
NW		.3	.1									.4	5.3
NNW		.4	.3									.6	6.8
VARBL													
CALM												27.1	
	33.2	25.8	17.5	1.4								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

783

8
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER

0900-1100
HOURS (L.S.T.)

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.5	1.4									2.8	6.0
NNE	1.7	2.7	1.7	.1								6.1	5.2
NE	3.2	6.1	7.8									19.1	5.9
ENE	2.4	4.5	2.5									9.4	5.0
E	5.6	5.6	.3									11.5	3.4
ESE	1.7	.9										2.5	2.9
SE	.8	.3										1.0	2.8
SSE	.9	.4	.3									1.5	4.0
S	2.7	3.8	1.5	.4								8.4	4.8
SSW	2.7	3.9	1.4	.3								8.3	5.0
SW	1.7	.9	1.8									4.3	5.5
WSW	1.0	.6	.4	.1								2.2	4.7
W	.9	1.1	1.7	.5								4.2	6.7
WNW	.5	.9	1.7									3.1	7.0
NW		.4	.3	.1								.8	7.8
NNW	.3	.1	.3									.6	5.2
VARBL													
CALM												14.2	
	26.7	34.7	22.8	1.5								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.3	1.0									3.1	5.5
NNE	1.3	3.1	1.0	.1								5.5	5.2
NE	2.3	7.6	5.1	.5								15.5	5.9
ENE	2.2	6.7	4.4	.3								13.4	5.9
E	2.8	5.4	1.0									9.2	4.6
ESE	2.2	1.4										3.6	3.3
SE	1.4	.9	.1									2.4	3.6
SSE	.8	.5	.1	.4								1.8	5.7
S	3.2	4.0	2.2	.3								9.6	4.9
SSW	2.2	4.4	1.7	.3								8.5	5.2
SW	.5	2.7	1.4	.4								5.0	6.5
WSW	.5	.8	.9									2.2	5.9
W	1.0	1.7	3.3	.8								6.8	7.2
WNW	.5	1.3	1.9	.4								4.1	6.9
NW	.6	.5	.1	.1								1.4	4.9
NNW		.5	.1									.6	6.0
VARBL													
CALM												7.3	
	22.3	42.5	24.5	3.5								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

781

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73-74,76-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.8	1.7	.3								5.3	5.6
NNE	2.4	2.1	1.2									5.8	4.6
NE	2.7	5.5	2.4	.5								11.1	5.5
ENE	3.5	4.7	4.7	.3								13.2	5.4
E	2.7	3.3	1.4	.3								7.7	4.9
ESE	1.2	.6										1.8	2.8
SE	1.5	.8	.2									2.4	3.5
SSE	.9	.6	.6									2.1	4.6
S	2.4	3.3	1.1	.2								7.3	4.7
SSW	2.3	3.9	1.5	.3								8.0	5.0
SW	.9	2.3	2.1	.5								5.8	6.2
WSW	.8	1.2	.6	.2								2.7	5.2
W	1.4	2.7	3.0									7.1	6.2
WNW	.3	1.8	2.1	.3								4.6	7.1
NW	.9	.8	.3	.6								2.6	6.4
NNW	.2	.5	.9	.3								1.8	7.5
VARBL													
CALM												10.9	
	25.6	36.0	23.8	3.6								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

659

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73-74, 76-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

LOCATION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	4.3	1.3									10.7	4.0
NNE	2.6	4.3	1.5	.4								8.9	4.9
NE	4.1	4.3	3.5									11.8	5.0
ENE	1.7	2.6	1.3	.2								5.7	5.0
E	.6	.2	.2									.9	3.8
ESE	.2											.2	2.0
SE	.2	.2										.4	3.0
SSE	.4											.4	2.0
S	1.1	2.0	.6	.4								4.1	5.2
SSW	2.4	2.2	1.7									6.3	4.8
SW	2.8	2.6	.9	.2								6.5	4.5
WSW	3.5	1.1	1.1									5.7	4.0
W	1.7	3.3	1.3	.4								6.7	5.4
WNW	1.7	1.3	1.1	.2								4.3	5.1
NW	.4	.6	.6	.2	.2							1.8	7.5
NNW	1.3	1.5	.7	.2								3.7	5.2
VARB													
CALM												22.0	
	29.0	30.3	15.7	2.0	.2							170.0	3.7

TOTAL NUMBER OF OBSERVATIONS 541

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

75-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.4	1.4	.2								6.3	4.7
NNE	2.8	4.4	2.2									9.3	4.9
NE	4.2	7.3	3.2	.2								14.9	5.0
ENE	1.8	.8	.6									3.2	3.9
E	2.4	.6	.2	.2								3.4	4.1
ESE	.4											.4	1.5
SE	.2											.2	2.0
SSE	.6	.2										.8	2.8
S	.4	.8	1.4									2.6	6.1
SSW	2.6	2.6	.6	.4								6.2	4.7
SW	3.0	2.8	1.0	.2								6.9	4.5
WSW	3.8	2.0	1.4	.2								7.3	4.5
W	3.0	1.4	1.2	.4	.2							6.2	5.2
WNW	1.6	1.0	.4									3.0	3.8
NW	.2	.8	.2	.2								1.4	5.7
NNW	.2	.8	.4	.2								1.6	6.0
VARBL													
CALM												26.4	
	29.4	27.8	14.1	2.2	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

504

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

722315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & Y)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.6	1.1	.1								4.2	5.0
NNE	2.3	2.9	1.7	.1								7.0	5.0
NE	3.9	7.0	4.2	.2								15.3	5.3
ENE	3.0	3.7	2.0	.1								8.7	4.8
E	3.4	2.8	.5	.1								6.7	3.7
ESE	1.1	.5		.0								1.6	3.1
SE	.6	.3	.0	.0								.9	3.5
SSE	.6	.3	.1	.1								1.1	4.4
S	1.9	2.5	1.0	.2								5.6	4.8
SSW	2.7	3.0	1.2	.3								7.1	4.7
SW	2.3	2.1	1.3	.2								5.9	4.9
WSW	2.3	1.0	.8	.1								4.1	4.2
W	2.0	1.9	1.7	.4	.1							6.1	5.7
WNW	1.1	1.0	1.1	.2								3.3	5.7
NW	.3	.4	.2	.1	.0							1.1	6.1
NNW	.3	.5	.4	.1								1.3	5.9
VARBL													
CALM												20.0	
	29.1	31.4	17.3	2.1	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

5547

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315

TATALINA AFS AK

73-81

0CT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.4	.4									3.3	4.0
NNE	3.8	2.7	2.7									9.1	4.9
NE	7.1	10.2	3.5	1.3								22.1	5.2
ENE	4.2	3.5	.9									8.6	4.1
E	2.1	1.9										4.0	3.3
ESE	.8	.4										1.1	3.3
SE		.5										.5	4.8
SSE	.3	.3										.5	3.8
S	1.3	.8	.5	.1								2.7	4.7
SSW	1.3	1.0	.5	.4								3.2	5.2
SW	1.5	1.9	.4	.4								4.2	4.9
WSW	.6	.8	.1									1.5	4.2
W	1.5	.3	.8	.1	.1							2.8	5.4
WNW	1.3		.4									1.6	3.8
NW	.1	.1	.3		.3							.8	9.3
NNW	.1											.1	2.0
VARBL													
CALM												33.9	
	27.4	25.7	10.4	2.3	.4							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

007
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.9	.1									2.0	4.1
NNE	3.4	2.9	.5	.2								7.1	4.2
NE	5.5	7.9	6.0	1.1								20.5	5.6
ENE	4.8	5.1	.6	.1								10.6	4.0
E	3.7	2.3	.1	.1								6.2	3.3
ESE	.2	.2										.5	3.3
SE	.4											.4	2.3
SSE	.2	.1										.4	2.3
S	.4	1.0	.4	.2								2.0	5.9
SSW	1.7	.6	1.0	.2	.1							3.7	5.4
SW	1.3	.4	.6	.4								2.7	5.5
WSW	1.2	1.0	.7									2.9	4.5
W	2.6	1.1	1.0	.4	.1							5.1	5.2
WNW	.7	.5	.1	.1								1.5	4.8
NW	.1		.1	.1								.4	9.3
NNW			.1									.1	8.0
VARBL													
CALM												34.1	
	27.2	24.1	11.4	3.1	.2							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 819

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

30T
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	.5	.5									2.6	4.0
NNE	2.7	2.4	1.7	.2								7.1	5.1
NE	6.5	9.9	5.6	.7								22.7	5.3
ENE	6.1	4.5	.7									11.3	3.7
E	2.9	2.0	.1									5.0	3.3
ESE	.5	.5										1.0	3.0
SE													
SSE		.1										.1	6.0
S	.7	.7	.2	.2								2.0	5.4
SSW	.9	1.7	.6	.1								3.3	5.2
SW	1.6	.9	.4	.5								3.3	5.4
WSW	1.8	1.2	.5									3.5	3.8
W	2.1	1.3	1.0	.2								4.6	4.8
WNW	1.0	.2	.2									1.5	3.8
NW		.1		.4								.5	11.3
NNW	.1	.1										.2	3.0
VARBL													
CALM												31.3	
	28.3	26.3	11.6	2.4								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

820

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7 2315 TATALINA AFS AK

73-81

307

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0900-1100

NUMBER OF DAYS

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2										1.8	4.1
NNE	1.5	3.4	1.2	.1								6.2	5.2
NE	5.4	10.6	9.5	.1								25.5	5.8
ENE	3.5	5.8	2.7	.2	.1							12.4	5.1
E	5.4	2.9	.2									8.4	3.1
ESE	1.0	.2										1.2	2.9
SE	.1	.1										.2	4.0
SSE	.1	.1										.2	3.0
S	1.2	1.1	.4	.2								2.9	4.9
SSW	1.3	1.8	.6	.5								4.3	5.6
SW	2.1	1.8	1.1	.2								5.2	5.0
WSW	1.2	.6										1.3	2.7
W	1.2	1.1	1.2	.1								3.6	5.5
WNW	.5	.5	.7	.1								1.8	6.1
NW	.2	.1	.2	.1								.7	6.8
NNW	.1											.1	3.0
VARBL													
CALM												23.4	
	25.4	31.4	17.9	1.8	.1							100.2	3.9

TOTAL NUMBER OF OBSERVATIONS

822

USAFETAC

FORM
JUL 64

04845 04-4 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315

TATALINA AFS AK

73-81

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.5	1.1									3.5	5.4
NNE	1.9	4.0	2.7									8.6	5.2
NE	3.6	10.6	7.0	.6								21.9	6.0
ENE	4.0	7.8	3.2	.4								15.3	5.0
E	4.4	3.2	1.1	.4								9.0	4.2
ESE	.6	.5	.2									1.3	4.0
SE	.4											.4	2.3
SSE	.2	.5										.7	3.8
S	2.2	1.5	1.0	.1								4.7	4.7
SSW	1.7	1.2	.9	.4								4.1	5.4
SW	1.5	2.4	1.1	.1	.1							5.2	5.5
WSW	.6	1.2	.2									2.1	4.1
W	1.1	1.8	.6	.2								3.8	5.1
WNW	.9	.4	.4									1.6	4.2
NW	.2		.2	.1								.6	6.6
NNW		.9	.2									1.1	6.2
VARBL													
CALM												16.0	
	24.3	37.3	19.9	2.3	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

823



0
2
1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315 TATALINA AFS AK 73-81 OCT

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

1500-1700

HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.9	.7									3.7	4.9
NNE	2.0	3.9	3.5	.3								9.8	5.6
NE	6.1	9.9	6.8	1.4								24.2	5.7
ENE	4.2	6.5	1.9	.5	.1							13.3	4.9
E	3.0	1.4	.4									4.8	3.4
ESE	.4	.1	.1									.7	3.8
SE	.1											.1	2.0
SSE	.4	.4	.1									1.0	4.3
S	1.6	1.4	.5	.1								3.7	4.4
SSW	1.5	1.9	1.1									4.5	4.9
SW	2.2	1.9	.3									4.3	3.9
WSW	1.4	.8	.3									2.4	3.8
W	1.1	1.5	.8									3.4	4.9
WNW	.1	1.0	.4									1.5	5.5
NW	.7	.3	.4									1.4	4.4
NNW	.3	.3	.3	.1								1.0	7.1
VARBL													
CALM												20.4	
	26.2	33.2	17.7	2.4	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 736

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

007
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.8	.4									4.6	3.8
NNE	4.6	3.8	3.1	.5								12.3	5.0
NE	6.6	9.5	5.5	1.8	.7							24.1	5.9
ENE	2.6	3.1	1.5	.2								7.3	4.8
E	1.3	1.6	.9									3.8	4.6
ESE	.5	.5										1.1	3.3
SE	.2	.2										.4	2.5
SSE	.2	.2	.4									.7	6.5
S	.4	.4	.2	.5								1.5	8.0
SSW	1.8	.2		.2								2.2	3.3
SW	2.6	1.8	.7									5.1	3.9
WSW	2.6	.7	.7									4.2	3.5
W	1.6	1.1	.4	.2								3.3	4.3
WNW	.4	.9	.2	.2								1.6	5.9
NW	.9	.2	.7									1.8	4.7
NNW	.2		.4									.5	7.0
VARBL													
CALM												25.9	
	28.6	26.1	15.0	3.6	.7							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

548

8
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73.75-81
YEARS

9CT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.0	1.1									2.9	5.3
NNE	4.0	2.9	2.9									9.7	4.9
NE	5.5	7.6	8.9	.8	.2							23.0	6.1
ENE	2.9	3.4	1.3									7.6	4.5
E	1.0	1.1	.2									2.3	3.8
ESE	.8		.2									1.0	2.8
SE	.2	.4										.6	4.0
SSE	.2	.2	.6									1.0	5.4
S	.4		.4	.4								1.1	8.5
SSW	1.0	1.3	.6	.2								3.0	5.3
SW	1.9	.6	.4									2.9	3.7
WSW	1.5	.6										2.1	3.0
W	1.9	1.3	1.0									4.2	4.4
WNW	1.0	.4	.4									1.7	4.4
NW	.6	.8	.4									1.7	4.6
NNW	.4											.4	1.5
VARBL													
CALM												35.0	
	23.8	21.5	18.3	1.3	.2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

526

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7-23-15
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & Y)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	.5									3.3	4.5
NNE	2.9	3.2	2.2	.2								8.5	5.0
NE	5.7	9.6	6.6	.9	.1							22.9	5.7
ENE	4.1	5.1	1.6	.2	.0							11.1	4.6
E	3.1	2.1	.4	.1								5.7	3.6
ESE	.6	.3	.1									1.0	3.4
SE	.2	.1										.3	3.3
SSE	.2	.2	.1									.5	4.4
S	1.1	.9	.5	.2								2.7	5.2
SSW	1.4	1.3	.7	.3	.0							3.6	5.2
SW	1.8	1.5	.6	.2	.0							4.1	4.8
WSW	1.3	.9	.3									2.5	3.8
W	1.6	1.2	.8	.2	.0							3.9	5.0
WNW	.7	.5	.4	.1								1.6	4.8
NW	.3	.2	.3	.1	.0							.9	6.3
NNW	.1	.2	.1	.0								.4	5.7
VARBL												27.3	
CALM													
	26.4	28.6	15.1	2.4	.2							120.2	3.6

TOTAL NUMBER OF OBSERVATIONS

5885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315

TATALINA AFS AK

73-81

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0000-2200

HOURLY (L E T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	.1									1.4	4.0
NNE	2.5	2.3	1.3									6.0	4.6
NE	5.9	7.5	4.0	.8								18.2	5.0
ENE	5.3	5.5	1.4									12.2	4.1
E	2.6	1.9										4.5	3.4
ESE	.5	.1										.6	2.6
SE		.1										.1	4.0
SSE	.1	.4		.3								.8	7.5
S	.5	.6	.9	.4	.1							2.5	7.7
SSW	2.0	1.6	.6	.5	.3							5.0	5.7
SW	2.0	1.3	.8	.1								4.1	4.5
WSW	1.3	.6	.5									2.4	3.9
W	1.5	.8	1.0	.3								3.5	5.6
WNW	.5	.5	.4									1.4	4.8
NW													
NNW													
VARBL													
CALM												37.3	
	25.1	24.1	10.9	2.3	.4							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315 TATALINA AFS AK

73-81

MOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

3333-3533

CLASS

HOURLY (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5		.4									.9	4.3
NNE	2.8	2.7	.6	.1								6.3	4.2
NE	6.3	9.1	3.0	.5								18.9	4.8
ENE	5.3	4.3	1.0									10.6	3.9
E	2.5	1.9	.2									4.6	3.5
ESE	.4		.1									.5	3.3
SE	.2											.2	2.0
SSE	.1	.1	.4									.6	6.0
S	.6	.5	.1	.2								1.5	5.3
SSW	1.9	1.9	1.1	.6	.1	.1						5.7	6.1
SW	2.7	1.1	.6	.2								4.7	4.2
WSW	2.0	.5	.4	.1								3.3	3.7
W	2.6	.7	.9	.5								4.7	4.6
WNW	.1	.4	.4	.1								1.0	6.9
NW	.1	.2										.4	4.3
NNW	.1	.2										.4	3.7
VARBL													
CALM												36.1	
	28.3	23.7	9.1	2.5	.1	.1						100.2	2.9

TOTAL NUMBER OF OBSERVATIONS

809

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.4	.1									1.3	3.9
NNE	3.1	2.8	1.4	.4								7.7	4.7
NE	6.3	7.9	4.1	.6								18.9	5.0
ENE	5.1	4.3	1.5	.1								11.3	4.3
E	3.7	1.2	.2									5.2	3.1
ESE	.5											.5	1.8
SE	.2			.1								.4	5.7
SSE	.1		.1	.1								.4	7.7
S	.7		.5	.1								1.4	5.8
SSW	1.4	1.1	1.5	.1								4.1	5.5
SW	2.8	1.0	.4	.2	.1							4.6	4.4
WSW	1.6	1.7	.7	.1								4.2	4.7
W	1.6	.5	.5	.4								3.0	4.9
WNW	.9	.2										1.1	2.7
NW		.1										.1	4.0
NNW													
VARBL													
CALM												36.7	
	28.5	21.4	11.0	2.3	.1							100.2	2.9

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315

TATALINA AFS AK

73-81

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURLY (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	.4	.4	.2									1.0
NNE	1.5	2.7	1.0	.2								5.4
NE	4.1	9.0	4.1	.9								18.0
ENE	4.1	7.2	1.2	.2								12.7
E	4.3	2.2	.1									6.7
ESE	.6											.6
SE	.4											.4
SSE	.1	.1	.1									.4
S	.9	.2	1.1	.1	.1							2.5
SSW	2.2	1.2	.9	.2								4.6
SW	1.9	.9	1.2	.4								4.3
WSW	1.7	.9	.4									3.0
W	1.9	.7	.2									2.8
WNW	.4	.5	.1									1.0
NW	.2	.1	.1									.5
NNW												
VARBL												
CALM												36.2
	24.6	26.2	10.9	2.1	.1							100.0

TOTAL NUMBER OF OBSERVATIONS

810

USAFETAC

FORM
JUL 64

0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315

TATALINA AFS AK

73-81

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L & T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.4									1.1	5.2
NNE	1.1	1.9	1.7	.4								5.1	6.1
NE	4.7	6.7	4.8	.7								16.9	5.5
ENE	5.4	6.5	1.5	.2								13.7	4.1
E	5.1	2.1										7.2	3.0
ESE	1.1	.4										1.5	2.9
SE	.4											.4	2.0
SSE	.1	.1	.1									.4	4.3
S	1.1	.7	.6	.1								2.6	5.2
SSW	1.6	1.9	.9	.6								4.9	5.4
SW	2.2	1.7	1.1	.4	.1							5.6	5.5
WSW	2.1	.9	.5	.2								3.7	4.6
W	.7	1.2	.5									2.5	4.9
WNW	.4	.6										1.0	3.3
NW													
NNW		.1										.1	5.0
VARBL													
CALM												33.5	
	26.4	25.2	12.1	2.7	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

810

8
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

732315 STATION 73-81 NOV 1500-1700
STATION NAME TATALINA AFS AK MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.5	.6									2.0	4.3
NNE	2.4	2.1	1.2	.1								5.8	4.6
NE	4.3	7.8	4.0	.9								17.0	5.4
ENE	5.8	6.5	1.6									13.9	4.2
E	3.1	2.1	.1									5.3	3.4
ESE	.6	.1										.7	2.3
SE	.1	.1										.2	3.0
SSE		.1	.2									.4	8.0
S	1.0	.7	.6	.5								2.9	5.7
SSW	2.0	.7	1.4	.1								4.2	5.0
SW	3.0	1.4	.7									5.1	3.9
WSW	2.1	.7	.1	.1	.1							3.2	4.2
W	3.0	.2	.5	.4								4.1	4.2
WNW	.1	.4	.1									.6	5.2
NW	.1		.1									.2	5.5
NNW	.1											.1	2.0
VARBL													
CALM												34.0	
	28.7	23.6	11.4	2.1	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 875

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7-2315
STATION

TATALINA AFS AK
STATION NAME

73-91
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.3	.2									1.2	4.1
NNE	3.4	2.6	1.0	.2								7.2	4.4
NE	5.8	7.7	5.6	.7								19.8	5.3
ENE	5.3	5.3	2.1									12.6	4.2
E	1.4	.9	1.0									3.2	4.4
ESE	.3	.2										.5	3.7
SE	.2											.2	2.0
SSE			.2									.2	10.0
S	1.2	1.0	1.0	.3								3.6	5.9
SSW	1.0	1.9	1.4	.2								4.4	5.8
SW	2.7	1.4	.7									4.8	3.8
WSW	1.0	.5		.2	.2							1.9	5.4
W	2.2	.9	.3	.2								3.6	4.0
WNW	.5	.2	.5									1.2	4.7
NW	.3	.2	.2									.7	4.3
NNW	.3											.3	2.0
VARBL													
CALM												34.5	
	26.5	22.9	14.2	1.7	.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 585

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-2315
STATION

TATALINA AFS AK
STATION NAME

75-81
YEARS

NOV
MONTH

2100-2300
HOURS LST

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.2									.3	5.0
NNE	2.9	2.5	3.1									5.5	5.4
NE	3.7	6.7	4.1	.4								16.8	5.4
ENE	4.2	5.2	1.7									11.2	4.3
E	3.3	1.4	.4									5.0	3.4
ESE	.2											.2	3.0
SE		.2										.2	4.0
SSE	.2		.4									.6	5.7
S	.4	.8	1.0	.8								2.7	7.7
SSW	1.9	1.5	1.4	.4	.4							5.6	6.6
SW	2.1	1.4	.4									3.9	3.6
WSW	1.4	.2	.2	.2	.4							2.3	6.4
W	2.7	.6	.4	.6								4.2	4.6
WNW	.2	.6		.2								1.0	5.8
NW	.8	.4										1.2	2.8
NNW		.4										.4	4.5
VARBL													
CALM												35.3	
	24.1	24.1	13.1	2.5	.8							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

518

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7.2315 TATALINA AFS AK

73-81

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

NOVEMBER

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.4	.3									1.2	4.3
NNE	2.4	2.4	1.3	.2								6.4	4.8
NE	5.2	8.0	4.2	.7								18.1	5.2
ENE	5.1	5.6	1.5	.1								12.3	4.2
E	3.3	1.7	.2									5.3	3.3
ESE	.6	.1	.0									.7	2.7
SE	.2	.1		.0								.3	3.2
SSE	.1	.1	.2	.1								.5	6.7
S	.8	.6	.7	.3	.0							2.4	6.3
SSW	1.8	1.5	1.1	.4	.1	.0						4.8	5.6
SW	2.4	1.2	.8	.2	.0							4.7	4.5
WSW	1.7	.8	.4	.1	.1							3.0	4.4
W	2.0	.7	.6	.3								3.5	4.6
WNW	.4	.4	.2	.0								1.0	4.5
NW	.2	.1	.1									.3	3.9
NNW	.1	.1										.2	3.4
VARBL													
CALM												35.5	
	26.6	23.9	11.4	2.3	.2	.0						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

5945

USAFETAC

FORM
JUL 64

GRAPH, CL-A - PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-3200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	.6	.2	.2									1.1
NNE	3.4	1.6	1.6	.5								7.1
NE	3.4	4.4	4.1	.9								12.8
ENE	3.6	7.0	3.2									13.8
E	2.5	3.0	2.1									7.5
ESE	.1	.7										.9
SE		.2										.2
SSE	.2	.4										.6
S	1.3	.4	.4	.2								2.0
SSW	1.2	1.2	.2									2.7
SW	2.0	1.4	.4	.1		.1						3.9
WSW	1.1	.6		.1								1.8
W	1.4	1.1	.1	.1								2.7
WNW	.6											.6
NW	.1		.1									.2
NNW												
VARBL												
CALM												41.9
	21.3	22.3	12.4	2.0		.1						100.0

TOTAL NUMBER OF OBSERVATIONS

813

0
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.2	.2	.2								1.3	5.7
NNE	1.5	1.8	.9	.6								4.7	5.7
NE	3.8	7.2	3.6	.4								15.0	5.4
ENE	5.8	4.7	2.6									13.1	4.3
E	2.6	3.0	2.3									7.9	5.1
ESE	.1	.2										.4	3.3
SE													
SSE	.1	.2	.1									.5	4.8
S	1.3	.1	.2	.2								1.9	4.8
SSW	1.5	.4	.1									1.9	2.8
SW	1.5	2.1	.6	.1	.1							4.4	5.0
WSW	1.6	.7	.1									2.4	3.3
W	2.1	1.7	.2									4.0	3.9
WNW	.1	.1	.4									.6	6.8
NW	.2											.2	2.0
NNW													
VARBL													
CALM												41.5	
	22.7	22.6	11.4	1.6	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

822

0
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-2315
STATION

TATALIMA AFS AK
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED KNT'S DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.4	.2	.2								1.0	7.6
NNE	1.7	1.9	.7	.4								4.8	5.1
NE	3.7	7.9	3.4	.5								15.5	5.2
ENE	2.6	4.6	3.5	.1								10.8	5.6
E	2.1	2.4	3.2	.1								7.8	5.5
ESE	.4	.5	.2									1.1	5.1
SE	.1											.1	2.0
SSE	.1											.1	2.0
S	.6	.1	.2									1.0	4.0
SSW	1.5	.7	.7									2.9	4.7
SW	1.3	1.3	.5	.2								3.4	4.8
WSW	1.8	.9	.6									3.3	4.2
W	1.3	.7	.1									2.2	3.2
WNW	.5	.6	.1									1.2	3.7
NW		.1	.1									.2	6.5
NNW													
VARBL													
CALM												44.6	
	17.8	22.3	13.8	1.6								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

621

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-2315
STATIONTATALINA AFS AK
STATION NAME73-81
YEARSDEC
MONTHALL WEATHER
CLASS0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.4									1.1	5.1
NNE	1.7	2.4	1.3									5.5	4.8
NE	4.4	6.7	3.9	.4								15.3	5.1
ENE	2.6	6.1	3.3	.9								12.8	5.9
E	2.2	3.8	2.3									8.3	4.9
ESE	.6	.2										.9	3.1
SE	.1	.2										.4	3.3
SSE		.1	.1									.2	7.0
S	.9	.7	.1									1.7	3.9
SSW	.9	1.0	.5									2.3	4.4
SW	1.9	1.6	.7									4.3	4.3
WSW	1.9	1.1	.2									3.3	3.4
W	1.7	.7	.6									3.0	4.0
WNW	.2	.1		.1								.5	5.5
NW	.4		.1									.5	3.3
NNW													
VARBL													
CALM												40.0	
	19.7	25.3	13.6	1.3								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1233-1430
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.2	.4	.1								1.1	5.7
NNE	.9	1.7	1.1									3.7	5.4
NE	3.1	6.2	4.5	1.0								14.8	5.9
ENE	3.1	6.9	4.7	.1								14.7	5.4
E	2.4	3.2	2.0	.1								7.7	4.7
ESE	.5	.2										.7	3.2
SE	.2											.2	2.0
SSE		.2										.2	4.0
S	.5	.1	.1	.1								.9	5.1
SSW	1.1	.9	.9	.2	.1							3.2	6.3
SW	1.6	2.4	.2	.1								4.4	4.0
WSW	1.2	1.3	.1	.4								3.1	5.0
W	1.3	.5	.7	.7								3.3	6.3
WNW	.1	.2	.4	.1								.9	6.4
NW			.1									.1	7.0
NNW	.1											.1	3.0
VARBL													
CALM												40.9	
	16.5	24.2	15.2	3.1	.1							120.0	3.2

TOTAL NUMBER OF OBSERVATIONS

817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315 TATALINA AFS AK

73-81

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURLY (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.4										1.3	3.1
NNE	2.4	1.5	1.4	.3								5.6	4.9
NE	5.4	4.2	4.4	1.2								15.1	5.6
ENE	2.9	6.3	3.5	.4								13.1	5.7
E	2.4	2.9	2.2	.1								7.7	5.0
ESE	.4	.1										.5	3.3
SE	.1											.1	2.0
SSE	.1	.1	.1									.4	5.0
S	.3	.1	.4	.1								.9	6.3
SSW	1.4	.8	.6									2.8	4.5
SW	1.4	1.8	.8	.1								4.1	4.8
WSW	1.0	.6	.4									2.1	4.3
W	1.3	1.0	.5	.6								3.5	5.9
WNW	.5	.3		.1	.1							1.0	5.9
NW	.4											.4	1.7
NNW													
VARBL													
CALM												41.4	
	21.0	20.3	14.2	2.9	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

780

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATIONTATALINA AFS AK
STATION NAME73-75,77-81
YEARSDEC
MONTHALL WEATHER
CLASS1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.4	.2									1.3	3.3
NNE	2.5	2.3	1.5	1.0								7.3	5.9
NE	3.1	6.3	6.1	1.1								16.6	6.4
ENE	3.2	4.2	1.5	.6								9.5	5.2
E	1.3	.8	.2	.2								2.5	3.9
ESE	.6											.6	1.7
SE													
SSE													
S	.4	.4	.4									1.1	4.7
SSW	2.1	1.7	1.1	.2								5.2	5.1
SW	1.7	1.7	.4	.4								4.2	5.0
WSW	.8	.6	.2	.4								1.9	5.8
W	1.7	1.1	.6	.2								3.6	4.5
WNW	.6	.2	.2									1.3	4.0
NW													
NNW													
VARBL													
CALM												45.2	
	18.7	19.7	12.4	4.0								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

524

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315
STATION

TATALINA AFS AK
STATION NAME

75-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	.4		.2								.5	4.3
NNE	.9	1.3	1.9	.4							4.5	6.4
NE	3.4	5.6	6.0	2.2							17.2	6.5
ENE	3.2	5.6	1.7	.6							11.0	4.9
E	1.7	2.4	.4								4.5	4.5
ESE	.4	.2	.2								.7	4.5
SE	.2										.2	2.0
SSE												
S	1.1	.2	.4								1.7	3.7
SSW	2.1	.7	.9	.2							3.9	4.8
SW	.6	1.9	.7	.4	.4						3.9	7.0
WSW	1.1	.7									1.9	3.5
W	1.7	1.3	.6								3.6	3.9
WNW	.2	.4	.2								.7	4.5
NW	.2										.2	1.0
NNW	.2										.2	1.0
VARBL												
CALM											45.1	
	17.2	20.4	13.1	3.7	.4						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 534

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702315
STATION

TATALINA AFS AK
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.3	.2	.1								1.1	4.9
NNE	1.9	1.8	1.3	.4								5.3	5.3
NE	3.8	6.1	4.3	.9								15.1	5.7
ENE	3.4	5.7	3.1	.3								12.6	5.2
E	2.2	2.8	2.0	.1								7.0	5.0
ESE	.4	.3	.1									.7	3.8
SE	.1	.1										.2	2.9
SSE	.1	.2	.1									.3	4.5
S	.8	.3	.3	.1								1.4	4.7
SSW	1.4	.9	.6	.1	.0							3.0	4.7
SW	1.5	1.8	.5	.2	.1	.0						4.1	4.8
WSW	1.4	.8	.2	.1								2.5	4.1
W	1.6	1.0	.4	.2								3.2	4.6
WNW	.4	.2	.2	.1	.0							.8	4.9
NW	.2	.0	.1									.3	3.6
NNW	.0											.0	2.0
VARBL													
CALM												42.3	
	19.5	22.3	13.3	2.4	.1	.0						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 5933

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702315

TATALINA AFS AK

73-81

STATION

STATION NAME

YEARS

ALL

NORTH

ALL WEATHER

CLASS

ALL

HOURS (L E T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	~	MEAN WIND SPEED
N	1.0	.9	.5	.1								2.5	4.7
NNE	2.2	2.6	1.7	.3	.0							6.7	5.2
NE	3.9	6.3	4.0	.6	.0							14.7	5.5
ENE	3.4	4.7	2.1	.2	.0							10.4	4.9
E	3.3	2.6	.9	.1	.0	.0						6.6	4.2
ESE	.9	.5	.1	.0								1.5	3.4
SE	.4	.3	.0	.0								.9	3.5
SSE	.5	.4	.2	.0								1.1	4.4
S	1.8	1.9	.9	.2	.0							4.9	4.9
SSW	2.3	2.4	1.3	.3	.0	.0						6.4	5.1
SW	2.4	2.3	1.2	.2	.0	.0						6.1	4.9
WSW	1.7	1.4	.6	.1	.0							3.8	4.5
W	2.3	1.8	1.1	.2	.0							5.4	4.8
WNW	.8	.9	.5	.1	.0							2.3	5.1
NW	.3	.3	.2	.0	.0							.9	4.9
NNW	.2	.2	.1	.0	.0							.6	4.9
VARBL													
CALM												25.3	
	27.0	29.7	15.3	2.5	.1	.0						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

68794

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7-2315
STATION

TATALINA AFS AK

STATION NAME

73-81

YEARS

ALL

MONTH

ALL

HOURS (LST)

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.5	.1	.0								1.2	4.1
NNE	1.8	2.3	1.1	.1								5.3	4.8
NE	4.1	6.9	3.0	.5								14.5	5.1
ENE	3.1	3.4	.9	.1								7.5	4.3
E	1.6	1.1	.3	.1								3.0	3.8
ESE	.4	.2	.0									.6	3.4
SE	.3	.2	.1	.0								.6	3.9
SSE	.7	.7	.3	.1								1.9	5.0
S	2.9	4.3	2.7	.7	.0							10.6	5.6
SSW	3.9	5.3	3.8	1.2	.1	.0						14.2	5.9
SW	2.9	2.9	2.2	.7	.0	.0						8.8	5.7
WSW	1.3	1.1	.6	.2	.0							3.1	5.0
W	1.4	1.1	.7	.1	.0							3.3	4.9
WNW	.3	.3	.2	.0								.8	5.0
NW	.1	.1	.1	.0								.2	5.2
NNW	.0	.0	.0									.1	4.4
VARBL													
CALM												24.4	
	25.2	30.4	16.0	3.9	.2	.0						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

8751

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	> 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ 0
NO CEILING															
1000															
1500					91.0										92.6
1200															
1000															
900															
800															
700															
600															
500										97.4					98.1
400															
300															
200															
100					95.4		96.9			98.3					100.0
0															

EXAMPLE # 1 Head ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Head visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GENERAL CLIMATOLOGY BRANCH
WIND TAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION TATALLINA AFB AK

73-51

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0100

47.7	50.3	50.3	50.4	50.8	50.8	50.8	51.0	51.0	51.5	51.5	51.5	51.6	51.6	51.6	51.6
48.2	51.5	51.5	51.6	52.0	52.0	52.2	52.3	52.3	52.9	52.9	52.9	53.0	53.0	53.1	53.2
50.4	53.0	53.0	53.1	53.5	53.5	53.7	53.8	53.8	54.5	54.5	54.5	54.6	54.6	54.6	54.6
50.7	53.3	53.3	53.4	53.8	53.8	53.9	54.1	54.1	54.8	54.8	54.8	54.9	54.9	54.9	54.9
50.8	53.4	53.4	53.5	53.9	53.9	54.1	54.2	54.2	54.9	54.9	54.9	55.0	55.0	55.0	55.0
51.1	53.7	53.7	53.8	54.2	54.2	54.3	54.5	54.5	55.2	55.2	55.2	55.3	55.3	55.3	55.3
54.7	56.8	56.8	56.9	57.3	57.3	57.5	57.6	57.6	58.3	58.3	58.3	58.4	58.4	58.4	58.4
55.8	58.4	58.4	58.6	59.0	59.0	59.1	59.2	59.2	59.9	59.9	59.9	60.1	60.1	60.1	60.1
62.6	65.4	65.4	65.5	65.9	65.9	66.0	66.2	66.2	66.8	66.8	66.8	67.0	67.0	67.0	67.0
67.1	70.5	70.5	70.7	71.1	71.2	71.5	71.6	71.6	72.3	72.3	72.3	72.4	72.4	72.4	72.4
68.3	71.9	71.9	72.0	72.4	72.6	72.8	73.0	73.0	73.6	73.6	73.6	73.8	73.8	73.8	73.8
70.4	74.0	74.0	74.2	74.9	75.1	75.4	75.5	75.5	76.4	76.4	76.4	76.5	76.5	76.5	76.5
71.9	75.7	75.7	75.8	76.5	76.8	77.0	77.2	77.2	78.0	78.0	78.0	78.1	78.1	78.1	78.1
72.6	76.4	76.4	76.5	77.3	77.6	77.9	78.0	78.2	78.8	78.8	78.8	78.9	78.9	78.9	78.9
73.9	77.9	77.9	78.0	78.8	79.3	79.8	79.9	79.9	80.7	80.7	80.7	80.8	80.8	80.8	80.8
74.2	78.1	78.1	78.4	79.3	80.0	80.4	80.6	80.6	81.4	81.4	81.4	81.5	81.5	81.5	81.5
76.1	80.4	80.4	80.7	81.8	82.5	82.9	83.0	83.0	83.8	83.8	83.8	84.0	84.0	84.0	84.0
76.2	81.3	81.5	81.8	82.9	83.8	84.4	84.5	84.5	85.3	85.3	85.3	85.5	85.5	85.5	85.5
76.9	81.3	81.5	81.8	82.9	83.8	84.4	84.5	84.5	85.3	85.3	85.3	85.5	85.5	85.5	85.5
77.7	82.1	82.3	82.6	83.7	84.8	85.6	85.7	85.7	86.5	86.5	86.5	86.7	86.7	86.7	86.7
78.5	83.0	83.3	83.6	84.8	86.0	86.8	87.0	87.0	87.8	87.8	87.8	87.9	87.9	87.9	87.9
80.1	84.5	84.8	85.1	86.4	87.6	88.6	89.3	89.3	90.1	90.1	90.1	90.2	90.2	90.2	90.2
81.0	85.7	86.0	86.3	88.0	89.3	90.2	91.0	91.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1
81.5	86.3	86.5	86.8	89.0	90.2	91.2	92.3	92.4	93.2	93.2	93.2	93.6	93.6	93.6	93.6
81.7	86.4	86.7	87.0	89.1	90.4	91.3	92.4	92.5	93.3	93.8	93.8	93.9	93.9	93.9	93.9
81.7	86.4	86.7	87.0	89.1	90.5	91.7	93.1	93.2	94.2	94.6	94.6	94.7	94.7	94.7	94.7
81.7	86.4	86.7	87.1	89.7	91.0	92.4	94.2	94.3	95.4	95.8	95.8	95.9	95.9	95.9	95.9
81.7	86.4	86.8	87.2	90.2	91.0	93.5	95.4	95.5	96.7	97.4	97.6	97.8	97.8	97.8	97.8
81.7	86.4	86.8	87.2	90.2	91.7	94.0	95.9	96.1	97.6	98.5	98.6	99.0	99.0	99.0	99.0
81.7	86.4	86.8	87.2	90.2	91.7	94.2	96.1	96.2	97.7	98.9	99.0	99.5	99.5	99.5	99.5
81.7	86.4	86.8	87.2	90.2	91.7	94.2	96.1	96.2	98.0	99.2	99.3	100.0	100.0	100.0	100.0
81.7	86.4	86.8	87.2	90.2	91.7	94.2	96.1	96.2	98.0	99.2	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 736

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-315 TATULIVA AFS AK

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

47.8	48.3	48.8	49.1	49.7	49.8	49.9	50.2	50.2	50.4	50.6	50.8	50.9	50.9	50.9	50.9	50.9
43.9	49.9	49.9	50.2	50.8	50.9	51.1	51.3	51.3	51.6	51.7	51.7	52.1	52.1	52.1	52.1	52.1
50.4	51.4	51.4	51.7	52.3	52.4	52.6	52.8	52.8	53.1	53.2	53.2	53.6	53.6	53.6	53.6	53.6
50.4	51.4	51.4	51.7	52.3	52.4	52.6	52.8	52.8	53.1	53.2	53.2	53.6	53.6	53.6	53.6	53.6
50.6	51.6	51.6	51.8	52.4	52.6	52.7	52.9	52.9	53.2	53.3	53.3	53.7	53.7	53.7	53.7	53.7
51.2	52.2	52.2	52.4	53.1	53.2	53.3	53.6	53.6	53.8	54.0	54.0	54.3	54.3	54.3	54.3	54.3
54.2	55.2	55.2	55.5	56.1	56.2	56.3	56.6	56.6	56.8	57.0	57.0	57.3	57.3	57.3	57.3	57.3
55.6	56.6	56.6	56.8	57.5	57.6	57.7	58.0	58.1	58.2	58.3	58.3	58.7	58.7	58.7	58.7	58.7
61.0	62.0	62.1	62.2	62.9	63.0	63.1	63.4	63.4	63.6	63.7	63.7	64.1	64.1	64.1	64.1	64.1
64.6	65.9	66.0	66.2	67.3	67.4	67.6	67.9	67.9	68.1	68.3	68.3	68.6	68.6	68.6	68.6	68.6
65.9	67.1	67.3	67.5	68.6	68.8	69.0	69.3	69.3	69.5	69.6	69.6	70.0	70.0	70.0	70.0	70.0
68.6	69.9	70.0	70.3	71.4	71.6	71.9	72.1	72.1	72.5	72.6	72.6	73.1	73.1	73.1	73.1	73.1
69.6	70.9	71.0	71.3	72.4	72.8	73.0	73.3	73.3	73.7	73.8	73.8	74.2	74.2	74.2	74.2	74.2
71.1	72.4	72.5	72.8	73.9	74.3	74.5	74.8	74.8	75.2	75.3	75.3	75.7	75.7	75.7	75.7	75.7
72.1	73.4	73.7	73.9	75.0	75.4	75.8	76.0	76.0	76.4	76.5	76.5	76.9	76.9	76.9	76.9	76.9
74.1	75.4	75.9	76.2	77.3	77.8	78.2	78.4	78.4	78.8	78.9	78.9	79.3	79.3	79.3	79.3	79.3
74.9	76.3	76.8	77.0	78.2	78.7	79.0	79.5	79.5	79.9	80.1	80.1	80.4	80.4	80.4	80.4	80.4
76.3	77.7	78.4	78.7	79.9	80.4	81.2	81.7	81.7	82.1	82.2	82.2	82.6	82.6	82.6	82.6	82.6
76.5	77.9	78.7	78.9	80.6	81.1	81.8	82.3	82.3	82.7	82.8	82.8	83.2	83.2	83.2	83.2	83.2
77.3	79.0	79.8	80.3	82.1	82.8	84.1	84.7	84.7	85.1	85.2	85.2	85.6	85.6	85.6	85.6	85.6
78.4	80.2	81.2	81.7	83.9	84.8	86.1	86.7	86.7	87.1	87.2	87.2	87.6	87.6	87.6	87.6	87.6
79.5	81.6	82.6	83.2	85.4	86.3	87.8	89.6	89.6	90.0	90.1	90.1	90.5	90.5	90.5	90.5	90.5
80.3	82.3	83.3	83.9	86.6	87.5	89.0	90.8	90.8	91.2	91.5	91.5	91.8	91.8	91.8	91.8	91.8
80.4	82.6	83.6	84.2	86.8	87.7	89.2	91.2	91.3	91.7	92.0	92.0	92.3	92.3	92.3	92.3	92.3
80.5	82.9	83.9	84.6	87.3	88.2	89.7	91.8	92.0	93.0	93.2	93.2	93.6	93.6	93.6	93.6	93.6
81.1	83.4	84.4	85.1	88.1	89.3	91.0	93.6	93.7	95.1	95.4	95.4	95.7	95.7	95.7	95.7	95.7
81.2	83.7	84.7	85.3	88.6	90.0	91.8	94.9	95.0	96.4	96.6	96.6	97.1	97.1	97.1	97.1	97.1
81.3	83.8	84.8	85.4	89.0	90.3	93.0	96.0	96.2	97.6	98.0	98.0	98.5	98.5	98.5	98.5	98.5
81.4	83.9	84.9	85.6	89.1	90.5	93.4	96.4	96.6	98.0	98.6	98.6	99.1	99.1	99.1	99.1	99.1
81.4	83.9	84.9	85.6	89.1	90.5	93.4	96.4	96.6	98.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0
81.4	83.9	84.9	85.6	89.1	90.5	93.4	96.4	96.6	98.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 797



USAF ETAC 14-45 D. A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2
1
JUN 1915 TATALLA AFS AK
JUN 1915 TATALLA AFS AK

CEILING VERSUS VISIBILITY

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

44.5	46.1	46.3	46.6	47.7	47.8	48.3	48.3	48.3	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8
45.1	46.6	46.8	47.1	48.3	48.4	48.9	49.2	48.9	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4
47.8	49.4	49.6	49.9	51.1	51.2	51.8	51.9	51.9	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3
47.9	49.5	49.8	50.1	51.2	51.4	52.0	52.1	52.1	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5
48.4	50.0	50.2	50.5	51.7	51.8	52.5	52.5	52.5	52.6	53.0	53.0	53.7	53.0	53.0	53.0	53.0
50.1	51.6	52.1	52.2	53.4	53.6	54.2	54.2	54.2	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7
52.1	53.6	53.9	54.2	55.4	55.5	56.2	56.2	56.2	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7
53.1	54.6	54.9	55.2	56.4	56.5	57.1	57.1	57.1	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6
58.4	60.0	60.3	60.6	61.9	62.1	62.7	62.7	62.7	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2
62.2	64.2	64.7	64.9	66.6	66.7	67.4	67.4	67.4	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9
63.7	65.6	66.1	66.4	68.2	68.3	69.0	69.0	69.0	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5
65.5	67.9	68.3	68.6	70.8	71.1	71.8	71.8	71.8	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3
66.5	68.8	69.3	69.6	71.8	72.0	72.9	73.0	73.0	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5
67.7	70.3	70.8	71.2	73.4	73.6	74.5	74.6	74.6	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
69.5	72.2	73.0	73.4	76.0	76.2	77.6	77.7	77.7	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2
70.3	73.6	74.8	75.2	78.0	78.4	79.8	79.9	79.9	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4
72.5	75.4	76.5	77.0	79.8	80.3	81.8	81.9	81.9	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4
73.4	76.2	77.3	77.8	80.8	81.3	82.9	83.0	83.0	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
74.1	77.0	78.1	78.6	81.5	82.1	83.7	83.9	83.9	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5
75.2	78.4	79.6	80.2	83.5	84.2	86.2	86.7	86.7	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4
75.9	79.3	80.4	81.0	84.6	85.3	87.4	87.9	87.9	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8
76.6	80.2	81.3	82.0	85.8	86.6	88.8	89.5	89.5	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4
76.6	80.7	81.8	82.5	86.3	87.1	89.5	90.6	90.6	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
77.0	81.5	82.6	83.4	87.3	88.1	90.5	91.9	91.9	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9
77.1	81.8	83.0	83.9	87.8	88.5	91.0	92.7	92.7	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8
77.5	82.5	83.7	84.6	88.7	89.4	92.1	94.0	94.0	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4
77.6	82.8	84.1	85.0	89.3	90.0	92.9	95.1	95.1	96.1	96.9	96.9	97.0	97.0	97.0	97.0	97.0
77.6	82.8	84.1	85.0	89.4	90.1	93.1	95.6	95.7	97.0	98.2	98.2	98.5	98.5	98.5	98.5	98.5
77.8	83.0	84.4	85.2	89.7	90.4	93.5	95.9	96.1	97.7	98.9	98.9	99.4	99.4	99.4	99.4	99.4
77.8	83.0	84.4	85.2	89.7	90.4	93.5	95.9	96.1	97.8	99.1	99.1	99.6	99.6	99.6	99.6	99.6
77.8	83.0	84.4	85.2	89.7	90.4	93.5	95.9	96.1	97.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0
77.8	83.0	84.4	85.2	89.7	90.4	93.5	95.9	96.1	97.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 812

USAF ETAC 73-45 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 215 TATALINA AFS AK

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

43.4	43.9	44.5	44.5	45.0	45.3	45.3	45.5	45.5	45.6	45.8	45.8	46.1	46.1	46.1	46.1
44.0	44.5	45.1	45.1	45.6	45.9	45.9	46.1	46.1	46.2	46.4	46.4	46.7	46.7	46.7	46.7
45.2	45.7	46.3	46.3	46.8	47.2	47.3	47.4	47.4	47.7	47.9	47.9	48.2	48.2	48.2	48.2
45.2	45.7	46.3	46.3	46.8	47.2	47.3	47.4	47.4	47.7	47.9	47.9	48.2	48.2	48.2	48.2
45.6	46.1	46.7	46.7	47.2	47.5	47.7	47.8	47.8	48.0	48.3	48.3	48.5	48.5	48.5	48.5
47.2	47.7	48.3	48.3	48.8	49.1	49.3	49.4	49.4	49.6	49.9	49.9	50.1	50.1	50.1	50.1
49.3	49.8	50.4	50.4	50.9	51.2	51.4	51.5	51.5	51.7	52.0	52.0	52.2	52.2	52.2	52.2
51.5	52.0	52.6	52.6	53.1	53.4	53.6	53.7	53.7	53.9	54.2	54.2	54.4	54.4	54.4	54.4
57.5	58.0	58.7	58.7	59.2	59.6	59.8	60.0	60.0	60.2	60.4	60.4	60.7	60.7	60.7	60.7
64.1	64.5	65.2	65.2	65.7	66.1	66.3	66.5	66.5	66.7	67.0	67.0	67.2	67.2	67.2	67.2
66.3	67.0	67.7	67.7	68.3	68.7	68.9	69.0	69.0	69.3	69.5	69.5	69.8	69.8	69.8	69.8
69.4	70.3	71.1	71.0	71.7	72.1	72.4	72.5	72.5	72.7	73.0	73.0	73.2	73.2	73.2	73.2
69.7	70.5	71.3	71.3	72.0	72.4	72.6	72.7	72.7	73.0	73.2	73.2	73.5	73.5	73.5	73.5
71.7	72.6	73.3	73.3	74.1	74.4	74.7	74.8	74.8	75.1	75.3	75.3	75.6	75.6	75.6	75.6
73.5	74.6	75.3	75.7	76.4	76.8	77.0	77.1	77.1	77.4	77.6	77.6	77.9	77.9	77.9	77.9
75.7	77.3	78.0	78.4	79.5	79.9	80.2	80.3	80.3	80.6	80.8	80.8	81.1	81.1	81.1	81.1
76.3	77.9	78.7	79.1	80.3	80.7	81.1	81.2	81.2	81.4	81.7	81.7	81.9	81.9	81.9	81.9
77.0	78.7	79.6	80.0	81.4	81.8	82.2	82.3	82.3	82.7	82.9	82.9	83.2	83.2	83.2	83.2
77.0	78.7	79.6	80.0	81.4	81.8	82.2	82.3	82.3	82.7	82.9	82.9	83.2	83.2	83.2	83.2
77.5	79.5	80.7	81.1	82.9	83.3	84.0	84.2	84.2	84.9	85.1	85.1	85.5	85.5	85.5	85.5
78.9	81.0	82.4	82.9	85.0	85.5	86.2	86.5	86.6	87.5	87.7	87.8	88.1	88.1	88.1	88.1
80.1	82.2	83.7	84.2	86.4	86.9	87.6	88.0	88.1	88.9	89.2	89.3	89.6	89.6	89.6	89.6
80.5	82.7	84.6	85.3	87.7	88.2	89.1	89.6	89.8	90.7	90.9	91.0	91.3	91.3	91.3	91.3
81.0	83.2	85.3	85.9	88.5	88.9	90.0	90.5	90.8	91.6	91.9	92.0	92.3	92.3	92.3	92.3
81.3	83.5	85.6	86.2	88.9	89.4	90.5	91.0	91.4	92.3	92.5	92.6	92.9	92.9	92.9	92.9
81.4	83.8	86.0	86.6	89.4	89.9	91.4	91.9	92.3	93.4	93.6	93.9	94.1	94.1	94.2	94.2
81.4	83.9	86.2	86.9	89.9	90.4	91.9	93.0	93.4	94.8	95.2	95.6	95.8	95.8	96.1	96.1
81.4	83.9	86.2	86.9	89.9	90.4	91.9	93.2	93.9	95.5	96.1	96.4	96.8	96.8	97.1	97.2
81.6	84.0	86.4	87.0	90.0	90.5	92.0	93.4	94.0	95.7	96.4	96.9	97.3	97.3	97.7	97.8
81.6	84.3	86.6	87.2	90.3	90.8	92.3	93.6	94.2	96.4	97.4	97.9	98.5	98.5	98.9	99.0
81.6	84.4	86.7	87.3	90.5	91.0	92.5	93.9	94.5	96.7	97.8	98.3	99.5	99.5	99.9	100.0
81.6	84.4	86.7	87.3	90.5	91.0	92.5	93.9	94.5	96.7	97.8	98.3	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 814



USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

2

44

1210-1402

TOTAL NUMBER OF OBSERVATIONS 813

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 315 TATALINA AFS AK

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

39.9	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.3	41.3	41.3	41.3
43.9	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2
45.0	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.4	46.4	46.4	46.4
45.1	46.2	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5
45.4	46.5	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8
46.7	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.1	48.1	48.1	48.1
49.9	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.5
53.0	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8
58.2	59.3	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9
63.8	65.2	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8
65.4	66.8	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.4
67.4	68.8	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4
68.4	69.8	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4
69.9	71.5	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1
71.9	73.5	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.3	74.3	74.3	74.5	74.5
73.0	74.9	75.2	75.2	75.2	75.9	76.0	76.0	76.0	76.0	76.6	76.6	76.6	76.7	76.7	76.7	76.7
75.2	77.2	77.4	77.4	78.0	78.2	78.3	78.3	78.3	78.3	78.9	78.9	78.9	79.0	79.0	79.0	79.0
75.7	77.7	78.2	78.2	78.7	79.0	79.6	79.6	79.6	79.6	80.1	80.1	80.1	80.3	80.3	80.3	80.3
76.3	78.3	78.9	78.9	79.4	79.7	80.4	80.4	80.4	80.6	81.1	81.1	81.1	81.3	81.3	81.3	81.3
76.7	78.7	79.4	79.4	80.0	80.4	81.1	81.1	81.1	81.4	82.0	82.0	82.0	82.1	82.1	82.1	82.1
78.2	80.4	81.1	81.3	82.0	82.4	83.3	84.0	84.5	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2
79.0	81.6	82.3	82.4	83.4	83.8	84.8	85.8	86.4	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5
80.7	83.4	84.1	84.4	85.8	86.2	87.2	88.2	89.1	90.1	90.4	90.5	90.6	90.6	90.6	90.6	90.6
81.0	84.0	84.8	85.1	87.0	87.7	88.7	89.6	90.5	91.6	91.9	92.1	92.2	92.2	92.2	92.2	92.2
81.4	84.4	85.2	85.5	87.5	88.4	89.5	90.5	91.3	92.6	93.0	93.2	93.3	93.3	93.3	93.3	93.3
81.4	84.5	85.5	85.8	87.9	88.8	89.9	90.9	91.8	93.0	93.5	93.8	94.0	94.0	94.0	94.0	94.0
81.8	85.0	86.1	86.5	88.7	89.5	90.9	92.2	93.0	94.3	95.0	95.5	95.7	95.7	95.7	95.7	95.7
82.0	85.2	86.4	87.0	89.1	89.9	91.3	92.6	93.5	94.9	95.9	96.3	97.0	97.0	97.0	97.0	97.0
82.1	85.4	86.5	87.1	89.2	90.1	91.5	92.8	93.6	95.0	96.2	97.4	98.3	98.3	98.4	98.4	98.4
82.1	85.4	86.7	87.2	89.4	90.2	91.6	92.9	93.8	95.5	96.9	98.2	99.6	99.6	99.7	99.7	99.7
82.1	85.4	86.7	87.2	89.4	90.2	91.6	92.9	93.8	95.6	97.0	98.3	99.9	99.9	100.0	100.0	100.0
82.1	85.4	86.7	87.2	89.4	90.2	91.6	92.9	93.8	95.6	97.0	98.3	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 705

GLOBAL CLIMATOLOGY BRANCH
CRAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

74-75,78-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

39.5	40.2	40.4	40.4	40.9	40.9	41.4	41.4	41.4	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	4
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TOTAL NUMBER OF OBSERVATIONS 403

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 0345 TATALINA AFS AK

73,75-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

40.4	41.7	41.7	41.7	42.0	42.0	42.4	42.6	42.6	42.9	42.9	42.9	43.1	43.1	43.1	43.1
41.7	43.1	43.1	43.1	43.1	43.1	43.8	44.2	44.2	44.4	44.4	44.4	44.6	44.6	44.6	44.6
42.9	44.2	44.2	44.2	44.4	44.4	44.9	45.3	45.3	45.5	45.5	45.5	45.8	45.8	45.8	45.8
43.1	44.6	44.6	44.6	44.9	44.9	45.3	45.8	45.8	46.0	46.0	46.0	46.2	46.2	46.2	46.2
43.5	44.9	44.9	44.9	45.1	45.1	45.5	46.0	46.0	46.2	46.2	46.2	46.4	46.4	46.4	46.4
43.8	45.1	45.1	45.1	45.3	45.3	45.8	46.2	46.2	46.4	46.4	46.4	46.7	46.7	46.7	46.7
47.5	48.9	48.9	48.9	49.1	49.1	49.6	50.0	50.0	50.2	50.2	50.2	50.4	50.4	50.4	50.4
50.0	51.3	51.3	51.3	51.6	51.6	52.0	52.5	52.5	52.7	52.7	52.7	52.9	52.9	52.9	52.9
54.9	56.3	56.3	56.3	56.5	56.5	56.9	57.4	57.4	57.6	57.6	57.6	57.8	57.8	57.8	57.8
62.1	63.4	63.4	63.4	63.8	63.8	64.3	64.7	64.7	65.0	65.0	65.0	65.2	65.2	65.2	65.2
63.8	65.2	65.2	65.2	65.8	65.8	66.3	66.7	66.7	67.0	67.0	67.0	67.2	67.2	67.2	67.2
66.3	67.9	67.9	67.9	68.5	68.5	69.0	69.4	69.4	69.6	69.6	69.6	69.9	69.9	69.9	69.9
68.3	69.9	69.9	69.9	70.5	70.5	71.2	71.7	71.7	71.9	71.9	71.9	72.1	72.1	72.1	72.1
69.2	70.8	70.8	70.8	71.7	71.7	72.3	72.8	72.8	73.0	73.0	73.0	73.2	73.2	73.2	73.2
70.1	71.7	71.7	71.7	72.5	72.8	73.4	73.9	73.9	74.1	74.1	74.1	74.3	74.3	74.3	74.3
70.8	72.3	72.3	72.3	73.2	73.4	74.1	74.6	74.6	74.8	74.8	74.8	75.0	75.0	75.0	75.0
72.5	75.2	75.2	75.2	76.1	76.3	77.0	77.5	77.5	77.7	77.7	77.7	77.9	77.9	77.9	77.9
73.7	76.6	77.7	77.7	78.6	78.8	79.5	79.9	79.9	80.1	80.1	80.1	80.4	80.4	80.4	80.4
74.3	77.2	78.3	78.3	79.2	79.5	80.1	80.6	80.6	80.8	80.8	80.8	81.0	81.0	81.0	81.0
75.4	78.3	79.5	79.5	80.6	80.8	81.5	81.9	81.9	82.1	82.1	82.1	82.4	82.4	82.4	82.4
76.6	79.7	80.8	80.8	82.4	82.6	83.5	83.9	83.9	84.2	84.2	84.2	84.4	84.4	84.4	84.4
77.7	80.8	82.1	82.1	83.9	84.2	85.0	85.7	85.7	85.9	85.9	85.9	86.2	86.2	86.2	86.2
79.9	83.3	84.6	84.6	87.3	87.5	88.8	89.5	89.5	89.7	89.7	89.7	90.0	90.0	90.0	90.0
79.9	83.9	84.8	84.8	87.7	88.4	90.0	91.1	91.1	91.3	91.3	91.3	91.5	91.5	91.5	91.5
80.1	83.9	85.5	85.5	88.4	89.1	90.6	91.7	91.7	92.0	92.0	92.0	92.4	92.4	92.4	92.4
80.4	84.4	86.2	86.2	90.0	90.8	93.3	94.6	94.6	95.1	95.3	95.3	95.5	95.5	95.5	95.5
80.6	84.6	86.4	86.4	90.6	91.5	94.4	95.8	95.8	96.4	96.7	96.7	96.9	96.9	96.9	96.9
80.8	84.8	86.6	86.6	91.3	92.2	95.5	96.9	97.1	98.0	98.4	98.4	98.9	98.9	98.9	98.9
80.8	84.8	86.6	86.6	91.3	92.2	96.4	97.8	98.0	98.9	99.3	99.3	99.8	99.8	99.8	99.8
80.8	84.8	86.6	86.6	91.3	92.2	96.4	97.8	98.0	98.9	99.3	99.3	100.0	100.0	100.0	100.0
80.8	84.8	86.6	86.6	91.3	92.2	96.4	97.8	98.0	98.9	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 449

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2345 TATALINA AFS AK

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

43.5	44.6	44.9	45.0	45.5	45.6	45.7	45.8	45.8	46.3	46.2	46.2	46.3	46.3	46.3	46.3
45.2	46.3	46.6	46.7	47.2	47.3	47.4	47.6	47.6	47.8	47.9	47.9	48.1	48.1	48.1	48.1
46.7	48.0	48.3	48.4	48.9	49.0	49.3	49.4	49.4	49.6	49.8	49.8	49.9	49.9	49.9	49.9
47.1	48.2	48.5	48.6	49.1	49.2	49.4	49.6	49.6	49.8	49.9	49.9	50.1	50.1	50.1	50.1
47.4	48.6	48.9	49.0	49.5	49.6	49.8	49.9	49.9	50.2	50.3	50.3	50.5	50.5	50.5	50.5
48.4	49.5	49.8	49.9	50.4	50.5	50.8	50.9	50.9	51.1	51.3	51.3	51.4	51.4	51.4	51.4
51.1	52.2	52.6	52.7	53.2	53.3	53.5	53.7	53.7	53.9	54.0	54.0	54.2	54.2	54.2	54.2
53.3	54.4	54.8	55.1	55.4	55.6	55.8	55.9	55.9	56.2	56.3	56.3	56.4	56.4	56.4	56.4
58.7	59.8	60.3	60.4	60.9	61.1	61.3	61.4	61.4	61.6	61.8	61.8	61.9	61.9	61.9	61.9
64.1	65.5	66.1	66.1	66.8	66.9	67.2	67.4	67.4	67.6	67.7	67.7	67.9	67.9	67.9	67.9
65.8	67.2	67.7	67.8	68.6	68.7	69.0	69.2	69.2	69.4	69.5	69.5	69.7	69.7	69.7	69.7
68.1	69.7	70.2	70.3	71.1	71.3	71.6	71.8	71.8	72.1	72.2	72.2	72.3	72.3	72.3	72.3
69.1	70.7	71.2	71.3	72.2	72.4	72.7	72.9	72.9	73.2	73.3	73.3	73.5	73.5	73.5	73.5
70.7	72.3	72.8	73.0	73.9	74.1	74.5	74.6	74.6	74.9	75.1	75.1	75.2	75.2	75.2	75.2
72.2	73.9	74.5	74.7	75.7	75.9	76.4	76.6	76.6	76.9	77.1	77.1	77.2	77.2	77.2	77.2
73.4	75.3	76.0	76.2	77.4	77.8	78.3	78.5	78.5	78.9	79.2	79.2	79.1	79.1	79.1	79.1
74.7	77.0	77.6	77.9	79.2	79.5	80.1	80.4	80.4	80.7	80.9	80.9	81.0	81.0	81.0	81.0
75.7	77.9	78.9	79.1	80.6	81.0	81.7	82.0	82.0	82.4	82.5	82.5	82.7	82.7	82.7	82.7
76.0	78.4	79.3	79.6	81.1	81.5	82.3	82.5	82.5	83.0	83.1	83.1	83.2	83.2	83.2	83.2
76.7	79.2	80.2	80.5	82.0	82.8	83.8	84.2	84.2	84.7	84.8	84.8	84.9	84.9	84.9	84.9
77.9	80.6	81.7	82.1	84.0	84.6	85.8	86.3	86.4	86.9	87.0	87.1	87.2	87.2	87.2	87.2
78.9	81.7	82.8	83.2	85.3	85.9	87.2	88.1	88.2	88.9	89.0	89.1	89.2	89.2	89.2	89.2
79.9	82.7	83.9	84.4	86.8	87.5	88.9	90.0	90.2	90.9	91.1	91.1	91.2	91.2	91.2	91.2
80.1	83.2	84.5	85.0	87.6	88.3	89.9	91.0	91.2	92.0	92.2	92.2	92.3	92.3	92.3	92.3
80.4	83.6	84.9	85.5	88.1	88.9	90.4	91.7	91.9	92.8	93.1	93.1	93.3	93.3	93.3	93.3
80.6	83.9	85.3	85.9	88.7	89.5	91.4	92.7	93.0	94.0	94.4	94.5	94.7	94.7	94.7	94.7
81.7	84.1	85.6	86.2	89.2	90.1	92.1	93.8	94.1	95.4	95.8	95.9	96.2	96.2	96.2	96.2
80.8	84.2	85.7	86.3	89.5	90.4	92.7	94.6	94.9	96.4	97.1	97.2	97.7	97.7	97.8	97.8
80.9	84.4	85.8	86.5	89.7	90.6	93.1	95.0	95.4	96.9	97.8	98.1	98.8	98.8	98.8	98.9
80.9	84.4	85.9	86.6	89.8	90.6	93.3	95.2	95.6	97.3	98.4	98.7	99.5	99.5	99.6	99.6
80.9	84.4	85.9	86.6	89.8	90.7	93.3	95.2	95.6	97.5	98.6	98.9	99.9	99.9	100.0	100.0
80.9	84.4	85.9	86.6	89.8	90.7	93.3	95.2	95.6	97.5	98.6	98.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5528

USAF ETAC 73-4-5 (C) A. WEATHER SERVICE/MAC

0
2
1
GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-5245 TATALINA AFS AK

73-81

EEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

62.1	62.5	62.5	62.5	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
62.7	63.1	63.1	63.1	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
63.1	63.6	63.6	63.6	64.2	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
63.4	63.9	63.9	63.9	64.5	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
63.6	64.0	64.0	64.0	64.6	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
64.8	65.2	65.2	65.2	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
67.0	67.5	67.5	67.5	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
68.4	68.8	68.8	68.8	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
70.8	71.2	71.2	71.2	71.8	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
74.4	74.8	74.8	74.8	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
76.9	77.7	77.7	77.7	78.3	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
77.6	80.5	81.0	81.0	81.6	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
80.2	81.1	81.6	81.6	82.2	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
81.6	82.8	83.4	83.5	84.1	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
81.9	83.2	83.8	84.0	84.6	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
83.1	85.2	85.9	86.1	86.8	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
84.0	86.4	87.1	87.3	88.0	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
84.6	87.3	88.0	88.2	89.1	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
84.6	87.3	88.0	88.2	89.2	89.5	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
85.0	88.2	89.1	89.2	90.4	90.7	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
85.0	88.2	89.1	89.2	90.9	91.3	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
85.2	88.3	89.2	89.4	91.0	91.5	93.0	93.1	93.3	93.6	93.6	93.6	94.2	94.2	94.2	94.2
85.6	88.9	89.8	90.0	91.9	92.4	93.9	94.3	94.5	94.8	94.8	94.8	95.4	95.4	95.4	95.4
85.6	88.9	89.8	90.0	91.9	92.4	94.0	94.5	94.6	94.9	94.9	94.9	95.5	95.5	95.5	95.5
85.6	88.9	90.1	90.3	92.2	92.7	94.3	94.8	94.9	95.2	95.2	95.2	96.0	96.0	96.0	96.0
85.9	89.4	90.6	90.7	92.7	93.1	95.1	95.5	95.7	96.0	96.0	96.0	97.0	97.0	97.0	97.0
86.1	89.7	90.9	91.0	93.0	93.4	96.1	96.7	96.9	97.5	97.5	97.5	98.5	98.5	98.5	98.5
86.1	89.7	90.9	91.0	93.0	93.4	96.3	96.9	97.0	97.6	97.8	97.8	99.0	99.0	99.0	99.0
86.1	89.7	90.9	91.0	93.0	93.4	96.3	96.9	97.0	97.6	97.8	97.8	99.3	99.3	99.3	99.3
86.1	89.7	90.9	91.0	93.0	93.4	96.3	96.9	97.0	97.6	97.9	97.9	99.4	99.4	99.4	99.4
86.1	89.7	90.9	91.0	93.0	93.4	96.3	96.9	97.0	97.8	98.1	98.1	99.6	99.6	99.6	99.6
86.1	89.7	90.9	91.0	93.0	93.4	96.3	96.9	97.0	97.8	98.2	98.2	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 667



USAF ETAC 7-5245 (UL A) REVISIONS TO THE FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF/AFM
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 715 TATALINA AFS AK

73-81

FE

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1300-0500

59.7	60.7	60.8	61.0	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
61.1	62.0	62.1	62.2	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
61.4	62.4	62.5	62.7	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
61.5	62.5	62.7	62.8	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
61.5	62.5	62.7	62.8	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
63.1	64.1	64.2	64.3	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
65.9	66.9	67.0	67.1	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
67.0	68.0	68.1	68.3	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
69.2	70.3	70.5	70.6	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
72.4	73.6	73.7	73.8	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
73.6	74.8	75.0	75.1	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
76.4	78.3	79.3	79.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
76.9	79.0	80.0	80.1	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
78.7	81.0	82.1	82.2	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
78.7	81.1	82.2	82.4	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
79.9	82.2	83.8	83.9	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
81.6	83.2	84.8	84.9	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
81.5	84.5	86.2	86.3	88.0	88.1	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
81.7	84.6	86.3	86.4	88.1	88.3	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
82.4	85.9	87.6	87.7	89.5	89.7	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
82.4	85.9	87.6	87.7	89.5	89.7	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
82.7	86.6	88.3	88.4	90.6	90.8	94.0	94.1	94.1	94.4	94.5	94.5	94.8	94.8	94.8	94.8
82.7	86.7	88.4	88.5	90.8	90.9	94.7	94.8	94.8	95.1	95.2	95.4	95.7	95.7	95.7	95.7
82.7	86.7	88.4	88.5	91.0	91.2	95.1	95.4	95.4	95.7	95.9	96.1	96.4	96.4	96.4	96.4
82.9	87.0	88.7	88.8	91.3	91.5	95.7	95.9	95.9	96.5	96.8	96.9	97.3	97.3	97.3	97.3
83.1	87.1	88.8	89.0	91.5	91.6	95.9	96.2	96.2	96.8	97.1	97.2	97.8	97.8	97.8	97.8
83.2	87.3	89.0	89.1	91.6	91.7	96.8	97.6	97.6	98.5	98.7	98.9	99.4	99.4	99.4	99.4
83.2	87.3	89.0	89.1	91.6	91.7	96.8	97.6	97.6	98.6	99.2	99.2100.0	100.0	100.0	100.0	100.0
83.2	87.3	89.0	89.1	91.6	91.7	96.8	97.6	97.6	98.6	99.0	99.2100.0	100.0	100.0	100.0	100.0
83.2	87.3	89.0	89.1	91.6	91.7	96.8	97.6	97.6	98.6	99.0	99.2100.0	100.0	100.0	100.0	100.0
83.2	87.3	89.0	89.1	91.6	91.7	96.8	97.6	97.6	98.6	99.0	99.2100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 715

USAF/AFM 714-5 OF 4 PREVIOUS EDITIONS ARE OBSOLETE

2

1975

—

526

500-2522

736

7-31

ITALIANA AF: AK

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOLY OBSERVATIONS

100-1155

54.1	54.4	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1
55.3	55.2	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.9	56.7	56.9	56.9	56.9	56.9
56.7	57.3	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1
56.1	57.5	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3
57.5	57.9	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8
60.1	61.7	61.9	61.9	62.0	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5
62.1	62.6	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4
64.3	64.9	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7
67.4	68.1	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9
71.8	72.5	72.9	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5
72.9	73.5	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8
74.5	75.3	76.0	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8
75.3	76.1	76.8	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6
77.7	79.1	79.8	79.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4
78.8	80.1	81.0	81.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5
79.8	81.3	82.2	82.2	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8
81.0	82.6	83.6	83.6	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6
82.4	84.9	86.2	86.2	86.8	88.2	88.5	88.5	88.5	88.6	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9
82.5	85.1	86.3	86.3	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1
83.2	86.6	87.8	88.2	90.0	90.4	90.4	90.4	90.4	90.4	90.4	91.2	91.3	91.3	91.3	91.3	91.3	91.3
83.6	87.0	88.2	88.2	88.6	90.5	90.9	91.6	91.7	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0
83.9	87.4	89.0	89.4	91.6	92.1	92.9	93.2	93.4	93.5	93.5	93.6	93.8	93.9	93.9	93.9	93.9	93.9
84.3	87.8	89.6	91.1	92.5	93.1	94.0	94.3	94.4	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
84.3	87.8	89.6	91.1	92.5	93.2	94.2	94.6	94.7	95.3	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9
84.3	87.9	89.7	90.2	92.8	93.5	94.7	95.1	95.4	95.9	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6
84.3	87.9	89.7	90.2	92.8	93.5	94.7	95.1	95.4	96.1	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
84.5	88.2	90.0	90.5	93.1	93.8	95.1	96.1	96.3	97.0	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8
84.5	88.2	90.0	90.5	93.1	93.9	95.4	96.7	97.2	97.8	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
84.6	88.5	90.2	90.8	93.4	94.3	95.8	97.3	97.7	98.4	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3
84.3	88.5	90.2	90.8	93.4	94.3	95.8	97.4	97.8	98.5	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7
84.3	88.5	90.2	90.8	93.4	94.3	95.8	97.4	97.8	98.5	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 111

1
2

U.S. AIR FORCE CLIMATE BRANCH
AFMPC
U.S. WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

STATION: TATALLINA AFB AK

70-61

FL2

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 1 HOUR TO 15 MINUTE

1200-1400

58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
61.7	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4
62.1	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7
62.7	62.7	62.7	62.9	63.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1
62.9	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6
65.7	65.0	65.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4
66.7	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4
69.5	69.8	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2
73.5	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5
75.5	76.3	76.4	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0
76.6	77.4	77.5	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0
78.5	79.4	79.5	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1
79.3	80.1	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8
82.5	83.5	83.6	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6
83.7	85.1	85.1	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0
84.5	85.6	85.9	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7
86.0	87.1	87.8	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.2	89.2	89.2	89.2	89.2
87.1	88.1	88.9	89.6	90.5	90.5	90.5	90.8	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2
87.5	88.3	89.3	89.8	90.8	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5
88.1	89.2	90.1	90.7	92.0	92.4	92.8	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2
88.5	89.7	90.7	91.3	92.8	93.2	93.8	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2
88.6	90.1	91.1	91.9	93.5	94.2	94.7	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1
88.9	90.4	91.5	92.3	94.0	94.7	95.3	95.3	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7
88.9	90.4	91.6	92.4	94.4	95.1	95.8	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
88.9	90.4	91.6	92.4	94.4	95.3	95.9	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5
88.9	90.4	91.6	92.4	94.6	95.5	96.2	96.6	96.6	96.6	96.6	96.6	97.0	97.1	97.3	97.3	97.3
88.9	90.4	91.6	92.4	94.6	95.5	96.3	96.7	96.7	96.7	96.7	96.7	97.4	97.4	98.1	98.1	98.1
88.9	90.4	91.6	92.4	94.7	95.7	96.5	96.9	96.9	96.9	96.9	96.9	97.8	97.8	98.4	98.6	98.6
88.9	90.4	91.6	92.5	95.0	95.9	96.9	97.3	97.3	97.3	97.3	97.3	98.2	98.2	98.3	99.2	99.3
88.9	90.4	91.6	92.5	95.0	95.9	96.9	97.4	97.4	97.4	97.4	97.4	98.4	98.4	98.9	99.6	99.9
88.9	90.4	91.6	92.5	95.0	95.9	96.9	97.4	97.4	97.4	97.4	97.4	98.4	98.4	98.9	99.6	99.9
88.9	90.4	91.6	92.5	95.0	95.9	96.9	97.4	97.4	97.4	97.4	97.4	98.4	98.4	98.9	99.6	99.9

TOTAL NUMBER OF OBSERVATIONS 738

2

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1

10

1
2

▲540-1700

2

672

Submitted: 1999-01-20; Accepted: 1999-05-10. Reprints: Dr. J. A. Pitt, Department of Pathology, University of Alberta, 1-108 Clinical Sciences Building, 8440-13th Avenue, Edmonton, Alberta T6G 2G4, Canada (e-mail: jay.pitt@ualberta.ca).

2

14

14

14

14

14

14

14

14

14

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

58.6	59.1	59.3	59.3	59.7	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
60.1	60.6	60.7	60.8	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5
61.2	61.7	61.9	61.9	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7
61.6	62.2	62.3	62.4	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1
61.8	62.3	62.5	62.5	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3
63.6	64.2	64.3	64.4	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1
66.3	66.8	66.9	67.0	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8
67.4	67.9	68.1	68.1	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9
70.2	71.0	71.1	71.2	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9
73.8	74.6	74.8	74.9	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7
75.6	76.4	76.6	76.7	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7
77.5	78.5	79.0	79.2	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2
78.2	79.2	79.7	79.8	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9
80.4	81.8	82.3	82.5	83.4	83.4	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8
81.2	82.7	83.2	83.4	84.3	84.3	84.6	84.6	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8
82.1	83.7	84.4	84.6	85.6	85.6	85.9	85.9	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1
83.2	85.2	86.0	86.3	87.4	87.4	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9
84.0	86.3	87.2	87.6	88.9	89.0	89.5	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8
84.3	86.6	87.6	88.0	89.3	89.4	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2
85.0	87.6	88.6	89.0	90.5	90.7	91.5	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9
85.3	88.0	89.0	89.4	91.1	91.4	92.6	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0
85.6	88.5	89.5	90.0	91.8	92.1	93.8	94.0	94.1	94.3	94.3	94.4	94.6	94.6	94.6	94.6
85.8	88.8	89.9	90.4	92.4	92.8	94.6	94.9	95.0	95.2	95.3	95.4	95.7	95.7	95.7	95.7
85.9	88.9	90.1	90.5	92.7	93.0	95.0	95.4	95.4	95.7	95.8	95.9	96.1	96.1	96.2	96.2
86.3	89.0	90.2	90.7	92.9	93.4	95.5	95.8	95.9	96.3	96.4	96.6	96.8	96.8	96.9	96.9
86.4	89.1	90.3	90.8	93.1	93.5	95.7	96.1	96.2	96.8	96.9	97.0	97.4	97.4	97.5	97.5
86.1	89.2	90.4	90.9	93.2	93.7	96.1	96.8	96.9	97.6	97.7	98.0	98.4	98.4	98.6	98.6
86.1	89.2	90.4	90.9	93.3	93.8	96.3	97.1	97.2	98.1	98.3	98.6	99.1	99.1	99.2	99.2
86.1	89.3	90.5	91.0	93.4	93.9	96.5	97.2	97.4	98.3	98.5	98.8	99.4	99.4	99.6	99.6
86.1	89.3	90.5	91.0	93.4	93.9	96.5	97.3	97.5	98.3	98.6	98.9	99.6	99.6	99.9	99.9
86.1	89.3	90.5	91.0	93.4	93.9	96.5	97.3	97.5	98.4	98.6	98.9	99.6	99.6	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 5058

USAF ETAL 7-445 D. A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

11

1
2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315

TATALINA AFS AK

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

56.3	56.3	57.0	57.2	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
58.3	58.3	58.4	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
59.9	59.9	60.0	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
60.3	60.3	60.4	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
61.0	61.0	61.1	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
61.4	61.4	61.5	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
63.1	63.1	63.2	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
64.7	64.7	64.8	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
68.0	68.0	68.3	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
71.7	71.8	72.2	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
73.5	73.7	74.2	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
74.7	75.0	75.5	75.8	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
76.6	76.9	77.4	77.7	77.8	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
78.6	79.1	79.7	79.9	80.5	80.5	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
79.9	80.5	81.0	81.3	82.0	82.0	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
82.4	83.2	83.7	84.0	85.3	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
82.9	83.8	84.6	84.9	86.4	86.9	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
85.4	86.4	87.2	87.6	89.6	90.4	91.6	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
86.0	87.3	88.1	88.5	90.5	91.3	92.5	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
86.8	88.6	89.4	89.8	92.6	93.4	94.9	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
87.0	88.9	89.7	90.1	92.9	93.7	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
87.0	88.9	89.7	90.1	93.2	94.1	95.7	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
87.6	89.7	90.6	91.0	94.1	95.1	96.7	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
87.7	89.8	90.8	91.2	94.3	95.2	96.8	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
87.7	89.8	90.8	91.2	94.3	95.3	96.9	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
87.7	89.8	90.8	91.2	94.3	95.3	97.1	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
87.7	89.8	90.8	91.2	94.3	95.3	97.2	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
87.7	89.8	90.8	91.2	94.5	95.6	97.5	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
87.7	89.8	90.8	91.2	94.7	95.7	97.6	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
87.7	89.8	90.8	91.2	94.7	95.7	97.6	98.5	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
87.7	89.8	90.8	91.2	94.7	95.7	97.6	98.5	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
87.7	89.8	90.8	91.2	94.7	95.7	97.6	98.5	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 798

USAF ETAC 0-14-5-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0330-0500

49.7	50.2	50.3	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
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TOTAL NUMBER OF OBSERVATIONS 825

1
2JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AL WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-335 TATALINA AFS AK

73-61

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

3622-2822

42.5	43.0	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5
44.4	44.8	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3
46.9	47.4	47.6	47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0
47.5	48.0	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6
48.6	49.1	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
49.9	50.4	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0
51.6	52.1	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7
52.2	52.7	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3
56.1	57.0	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6
59.9	60.8	61.1	61.1	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.7	61.7	61.7
62.9	64.1	64.5	64.7	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.3	65.3	65.3	65.3
65.6	66.9	67.4	67.6	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.4	68.5	68.5	68.5
66.1	67.4	67.9	68.2	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.1	69.1	69.1	69.1
69.3	70.9	71.5	71.9	72.6	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3
71.0	72.7	73.3	74.2	74.9	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.6	75.6	75.6	75.6
71.6	73.6	74.3	75.5	76.6	76.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.8	77.8	77.8	77.8
72.4	74.5	75.4	76.7	77.9	78.1	79.0	79.3	79.3	79.3	79.3	79.3	79.8	79.9	80.0	80.0	80.0
73.8	76.5	77.7	79.0	80.7	81.0	83.0	83.5	83.5	83.5	84.0	84.0	84.1	84.2	84.2	84.2	84.2
74.4	77.2	78.4	79.8	81.6	81.8	84.0	84.5	84.5	85.0	85.0	85.0	85.1	85.2	85.2	85.2	85.2
74.9	78.1	79.5	81.1	84.2	84.6	87.6	88.1	88.1	88.6	88.6	88.6	88.7	88.8	88.8	88.8	88.8
75.4	78.5	80.0	81.7	85.1	85.5	88.5	89.1	89.1	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8
76.4	79.6	81.2	83.0	86.4	87.2	91.0	91.9	91.9	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7
76.6	80.0	81.7	83.5	86.9	87.8	91.6	92.5	92.5	93.2	93.2	93.3	93.5	93.5	93.5	93.5	93.5
77.0	80.4	82.1	83.9	87.3	88.1	92.0	92.8	92.8	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3
77.0	80.6	82.3	84.1	87.6	88.5	92.5	93.7	93.9	95.5	95.5	95.8	96.4	96.4	96.4	96.4	96.4
77.1	81.0	82.7	84.8	88.5	89.3	93.8	95.2	95.4	97.0	97.0	97.3	97.9	97.9	98.2	98.5	
77.1	81.2	82.9	85.1	88.8	89.7	94.3	95.6	95.9	97.5	97.5	97.8	98.4	98.4	98.7	99.2	
77.1	81.2	82.9	85.1	89.0	89.8	94.5	96.0	96.4	97.9	97.9	98.4	99.2	99.2	99.4	100.0	
77.1	81.2	82.9	85.1	89.0	89.8	94.5	96.0	96.4	97.9	97.9	98.4	99.2	99.2	99.4	100.0	
77.1	81.2	82.9	85.1	89.0	89.8	94.5	96.0	96.4	97.9	97.9	98.4	99.2	99.2	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 825

USAF ETAC 0-14-5 DE A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

2

73-81

MAE

0900-1132

TOTAL NUMBER OF OBSERVATIONS 824

USAF E*AC 74 0-14.5 DL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
CLAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1230-1400

47.5	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
53.2	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
55.9	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
57.1	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
58.2	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
60.0	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
61.6	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
63.2	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
66.9	67.0	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
70.7	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
73.2	73.6	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
75.0	75.6	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
75.2	75.8	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
76.7	77.5	78.2	78.2	78.4	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
77.7	79.2	79.9	79.9	80.1	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
80.1	81.5	82.4	82.7	83.4	83.6	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
82.7	84.0	85.0	85.2	85.9	86.2	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
84.5	86.2	87.8	88.2	89.1	89.7	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
84.8	86.5	88.1	88.6	89.5	90.1	90.8	90.9	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
85.6	87.4	89.0	89.6	90.7	91.3	92.0	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
86.4	88.5	90.4	91.0	92.6	93.2	93.9	94.2	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
86.7	89.0	90.9	91.6	93.8	94.5	95.6	95.9	96.0	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
86.9	89.3	91.4	92.1	94.4	95.3	96.4	96.6	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
87.2	89.6	91.6	92.4	94.9	95.8	97.0	97.3	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
87.2	89.6	91.6	92.4	94.9	95.8	97.0	97.3	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
87.2	89.6	91.6	92.4	94.9	95.8	97.0	97.3	97.5	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.0	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	9							

TOTAL NUMBER OF OBSERVATIONS 825

USAF F-4C 74-1450: A photograph of the aircraft after the crash, showing the fuselage and wings.

2

2

4

4A2

1500-1700

3

USAF F-4C 74 0-14-8 21 A 001 0-14-8 21 A 001 0-14-8 21 A 001

1
2
1

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-81 TATALINA AFS AK

73-81

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
61.7	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
70.9	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
75.8	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
73.7	79.1	79.4	79.4	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
79.6	80.0	80.3	80.3	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
80.3	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
82.6	83.0	83.3	83.3	83.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
85.7	85.6	86.0	86.0	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
86.3	86.6	87.2	87.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
86.3	86.9	87.7	87.7	88.7	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
88.2	88.9	89.6	89.6	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
88.6	89.5	90.2	90.4	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
89.3	90.2	91.1	91.3	94.1	94.1	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
89.3	90.2	91.3	91.4	94.4	94.4	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
89.5	90.4	91.4	91.6	95.5	95.6	95.9	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
89.6	90.7	91.7	92.0	95.9	96.2	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
89.9	91.0	92.0	92.5	96.4	96.8	97.4	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
89.9	91.0	92.0	92.5	96.4	96.8	97.4	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
89.9	91.0	92.0	92.8	97.0	97.4	98.0	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
89.9	91.0	92.0	92.8	97.0	97.4	98.2	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
89.9	91.0	92.0	92.8	97.0	97.4	98.2	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
89.9	91.0	92.0	92.8	97.0	97.4	98.2	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
89.9	91.0	92.0	92.8	97.0	97.4	98.2	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
90.1	91.1	92.2	92.9	97.1	97.6	98.3	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
90.1	91.1	92.2	92.9	97.1	97.6	98.3	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 666

DATA FROM 1941 TO 1981

GLOBAL CLIMATOLOGY BRANCH
CNAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-349 TATALINA AFS AK

73,75-81

MAF

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

21-5-2300

56.9	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
61.7	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
64.3	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
65.1	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
65.1	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
65.5	65.8	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
67.5	67.7	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
68.7	69.2	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
71.7	72.1	72.8	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
76.5	77.1	77.7	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
75.1	75.3	77.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
79.7	80.1	80.7	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
81.5	81.9	82.5	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
83.6	84.1	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
84.5	85.1	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
85.1	86.5	87.5	87.6	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
87.1	87.8	88.8	89.0	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
89.1	90.2	91.2	91.4	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
89.3	90.7	91.7	91.9	93.2	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
92.5	91.2	92.7	92.4	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
90.4	92.1	93.1	93.2	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
92.5	92.2	93.2	93.4	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
92.9	92.6	93.6	93.7	95.9	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
91.1	93.1	94.1	94.2	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
91.1	93.1	94.1	94.2	96.4	97.5	97.6	97.8	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.5
91.1	93.2	94.2	94.4	96.6	97.6	98.1	98.1	98.3	98.8	98.8	98.8	99.2	99.2	99.2	99.2
91.1	93.2	94.2	94.4	97.0	98.1	98.3	98.5	98.6	99.2	99.2	99.2	99.5	99.5	99.5	99.5
91.1	93.2	94.2	94.4	97.1	98.1	98.6	98.8	98.8	99.1	99.5	99.5	99.5	99.8	99.8	99.8
91.1	93.2	94.2	94.4	97.1	98.1	98.6	98.8	99.0	99.5	99.5	99.5	99.5	100.0	100.0	100.0
91.1	93.2	94.2	94.4	97.1	98.1	98.6	98.8	99.0	99.5	99.5	99.5	99.5	100.0	100.0	100.0
91.1	93.2	94.2	94.4	97.1	98.1	98.6	98.8	99.0	99.5	99.5	99.5	99.5	100.0	100.0	100.0
91.1	93.2	94.2	94.4	97.1	98.1	98.6	98.8	99.0	99.5	99.5	99.5	99.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 591

CEILING VERSUS VISIBILITY

73-01

22

411

43.7	43.9	50.7	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
53.1	53.2	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
55.5	55.8	55.9	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
56.4	56.6	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
57.1	57.3	57.5	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
58.1	58.2	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
59.7	60.2	60.4	60.5	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
61.2	61.5	61.7	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
64.7	65.3	65.5	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
67.1	67.5	67.8	67.9	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
71.5	72.1	72.6	72.7	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
73.4	74.2	74.7	74.8	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
74.3	75.1	75.5	75.7	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
76.3	77.3	77.9	78.1	78.6	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
77.7	79.7	79.7	80.0	80.4	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
79.3	80.5	81.4	81.9	82.8	83.1	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
80.5	81.9	82.6	83.3	84.3	84.8	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
82.5	84.2	85.4	85.9	87.3	87.9	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
82.9	84.7	86.5	86.6	88.1	88.6	89.5	89.9	89.9	90.1	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
83.4	85.6	87.5	87.7	89.6	90.3	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
84.1	86.3	87.8	88.5	90.8	91.5	92.8	93.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
84.5	86.8	88.3	89.1	91.6	92.5	94.0	94.7	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
84.9	87.3	88.8	89.6	92.3	93.2	94.8	95.5	95.6	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
85.0	87.5	89.1	89.9	92.6	93.5	95.1	95.9	96.0	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
85.0	87.6	89.2	90.0	92.7	93.8	95.4	96.3	96.4	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
85.1	87.6	89.2	90.1	92.8	93.9	95.6	96.5	96.7	97.7	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
85.1	87.7	89.3	90.3	93.1	94.1	96.1	97.1	97.2	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
85.1	87.8	89.4	90.4	93.3	94.3	96.3	97.2	97.4	98.5	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
85.1	87.8	89.4	90.4	93.3	94.4	96.4	97.4	97.6	98.7	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
85.1	87.8	89.4	90.4	93.3	94.4	96.4	97.4	97.6	98.8	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
85.1	87.8	89.4	90.4	93.3	94.4	96.4	97.4	97.6	98.8	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 6.85
$$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx$$

73-21

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PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURS OF OBSERVATION

-000-1400

58.6	58.6	59.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
60.4	60.4	61.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
61.9	61.9	62.1	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
61.2	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
64.9	64.9	65.7	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
71.7	71.7	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
73.3	73.3	73.4	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
76.5	76.7	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
78.7	77.2	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
81.2	81.2	82.4	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
82.3	83.1	83.5	83.5	83.8	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
84.2	85.6	86.1	86.1	86.5	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
86.2	87.1	87.5	87.6	88.1	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
87.3	88.1	88.8	88.8	89.2	89.5	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
87.5	88.3	89.3	89.1	89.5	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
87.9	88.6	89.8	89.9	90.3	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
88.6	89.8	91.7	90.9	91.8	92.4	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
89.1	90.3	91.4	91.3	92.9	93.5	94.0	94.0	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
89.1	90.6	91.7	92.1	93.2	93.7	94.4	95.2	95.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
89.2	91.5	92.1	92.5	93.6	94.3	94.8	95.6	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
89.2	91.0	92.1	92.5	93.9	94.5	96.0	96.9	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
89.6	91.4	92.5	92.9	94.3	95.2	96.5	97.4	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
89.6	91.4	92.5	92.9	94.3	95.2	96.5	97.5	97.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
89.6	91.4	92.5	92.9	94.3	95.2	96.7	97.8	97.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
89.6	91.4	92.5	92.9	94.3	95.2	96.9	98.0	98.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
89.6	91.4	92.5	92.9	94.3	95.2	96.9	98.0	98.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
89.6	91.4	92.5	92.9	94.3	95.2	96.9	98.0	98.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 734

2

CEILING VERSUS VISIBILITY

AP:

0340-2522

TOTAL NUMBER OF OBSERVATIONS 517[illegible]

METEOROLOGICAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.7.1 TATALLINA AFS AK

73-61

AP =

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-1800

49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
53.7	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
64.7	69.3	69.3	69.3	69.3	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
70.1	70.2	70.3	70.3	70.3	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
71.4	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
72.2	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
75.9	76.5	76.6	76.6	76.8	76.9	76.9	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
77.4	78.1	78.2	78.2	78.4	78.5	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
79.1	83.1	83.5	83.5	83.8	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
81.2	82.6	82.9	82.9	83.3	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
83.7	85.0	85.7	85.8	86.5	86.7	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
84.1	85.5	86.4	87.0	87.9	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
84.9	86.7	87.6	88.4	89.4	89.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
86.3	88.0	88.1	90.0	91.0	91.2	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
86.7	88.8	91.1	90.9	92.0	92.2	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
87.3	89.4	91.6	91.6	92.7	93.3	93.6	93.7	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
87.6	89.7	91.1	92.2	93.7	93.9	94.6	94.7	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
87.6	89.7	91.5	92.7	94.3	94.6	95.3	95.6	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
87.6	89.7	91.5	92.7	94.3	94.6	95.3	95.6	95.6	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
87.9	90.2	92.1	93.3	95.1	95.3	96.4	96.7	96.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.3	97.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.3	97.3	97.5	97.5	99.1	99.8	99.8	99.8	99.8	99.8	99.8
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.3	97.3	97.5	97.5	99.1	99.8	99.8	99.8	99.8	99.8	99.8
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.3	97.3	97.5	97.5	99.1	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 309

429

1
2

GLOBAL CLIMATOLOGY BRANCH
WAFS/TAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION TATALLINA AFS AK

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
68.7	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3
70.1	70.2	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
71.4	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
72.2	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
75.9	76.5	76.6	76.6	76.8	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
77.4	78.1	78.2	78.2	78.4	78.5	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
79.1	80.1	80.5	80.5	80.8	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
81.2	82.6	82.9	82.9	83.3	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
83.7	85.0	85.7	85.8	86.5	86.7	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
84.1	85.5	86.4	87.0	87.9	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
84.9	86.7	87.6	88.4	89.4	89.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
86.1	88.0	89.1	90.0	91.0	91.2	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
86.7	88.8	90.0	90.9	92.0	92.2	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
87.3	89.4	90.6	91.6	92.7	93.1	93.6	93.7	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2
87.6	89.7	91.1	92.2	93.7	93.9	94.6	94.7	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3
87.6	89.7	91.5	92.7	94.3	94.6	95.2	95.6	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3
87.6	89.7	91.5	92.7	94.3	94.6	95.3	95.6	95.6	96.2	96.4	96.4	96.4	96.4	96.4	96.4
87.7	90.2	92.1	93.3	95.1	95.3	96.4	96.7	96.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.3	97.3	98.5	98.9	98.9	99.1	99.1	99.1	99.1
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.5	97.5	98.8	99.4	99.4	99.6	99.6	99.6	99.6
89.1	91.7	92.6	93.8	95.7	95.9	97.0	97.5	97.5	99.1	99.8	99.8	100.0	100.0	100.0	100.0
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.5	97.5	99.1	99.8	99.8	100.0	100.0	100.0	100.0
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.5	97.5	99.1	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

11

USAF STATION TATALLINA AFS AK, 73-81, APRIL 1981

21

APA
9900-1172

73-01

AP:

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
57.3	57.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
73.8	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
74.8	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
77.7	78.0	78.3	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
79.3	79.6	79.9	80.1	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
80.7	81.2	81.5	81.7	82.5	82.5	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1
82.1	82.9	83.1	83.3	84.1	84.1	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7
83.7	85.1	85.4	85.8	86.5	86.7	87.0	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
84.2	85.7	86.2	86.5	87.4	87.7	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
85.3	87.8	88.5	88.9	89.8	90.0	90.5	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
87.3	89.3	90.5	90.9	91.7	92.0	92.6	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0
88.4	90.5	92.0	92.3	93.5	93.7	94.4	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
88.5	90.6	92.1	92.5	93.8	94.1	94.8	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
89.6	91.0	92.6	93.0	94.3	94.6	95.6	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4
89.6	91.0	92.8	93.2	94.8	95.1	96.0	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0
88.6	91.0	93.0	93.3	94.9	95.2	96.3	96.8	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7
88.6	91.0	93.1	93.5	95.1	95.3	96.7	97.2	97.2	98.1	98.1	98.3	98.3	98.3	98.3	98.3
88.6	91.1	93.3	93.7	95.3	95.6	97.0	97.5	97.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
88.6	91.2	93.6	94.0	95.6	95.9	97.4	98.0	98.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
88.6	91.2	93.6	94.0	95.6	95.9	97.4	98.0	98.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9
88.6	91.2	93.6	94.0	95.6	95.9	97.4	98.0	98.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9
88.6	91.2	93.6	94.0	95.6	95.9	97.4	98.0	98.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 81

SAFETY INFORMATION: 0-14-9 C.A. PREVIOUS EDITIONS OF THIS MANUAL ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALLINA AFS AK

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1230-1420

51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
62.3	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
65.9	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
69.4	69.6	69.6	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
70.1	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
73.8	74.1	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
74.3	74.6	74.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
76.4	76.8	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
78.8	79.3	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
80.6	81.1	81.4	81.5	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
84.7	85.6	86.0	86.2	87.0	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
87.2	88.3	88.8	88.9	89.8	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
87.8	89.0	89.5	89.6	90.5	90.6	90.6	90.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
90.6	90.2	90.7	91.0	92.0	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
89.5	91.1	91.7	92.0	93.5	93.8	93.8	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
90.0	92.0	92.7	93.1	95.1	95.4	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
90.4	92.3	93.2	93.6	95.6	96.0	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
90.5	92.6	93.6	94.0	95.9	96.4	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
90.5	92.6	93.8	94.2	96.3	96.8	97.0	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
90.9	92.6	93.8	94.2	96.5	97.0	97.3	97.7	97.7	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3
90.5	92.6	93.8	94.2	96.5	97.0	97.5	97.9	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8
90.6	92.7	94.0	94.3	96.7	97.2	97.7	98.0	98.1	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9
90.6	92.7	94.2	94.6	96.9	97.4	97.9	98.3	98.4	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3
90.6	92.7	94.2	94.6	96.9	97.4	97.9	98.3	98.4	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5
90.6	92.7	94.2	94.6	96.9	97.4	97.9	98.3	98.4	99.0	99.3	99.5	100.0	100.0	100.0	100.0	100.0
90.6	92.7	94.2	94.6	96.9	97.4	97.9	98.3	98.4	99.0	99.3	99.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

2

11

APC

1500-1700

4
5

612

USAF F-1A 0-14.5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

APP

1800-2000

47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
88.9	88.9	88.9	88.9	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
89.7	90.3	90.5	90.6	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
90.3	90.6	90.8	91.3	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
90.6	91.5	91.8	92.3	93.7	93.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
91.3	92.3	92.7	93.2	94.7	94.8	95.0	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8
91.5	92.4	92.9	93.4	95.0	95.2	95.5	95.8	95.8	96.8	96.8	96.8	96.8	96.8	96.8
91.5	92.4	92.9	93.4	95.0	95.2	95.5	95.8	96.1	96.0	96.9	96.9	96.9	96.9	96.9
91.5	92.4	92.9	93.4	95.0	95.2	95.5	95.8	96.1	96.1	97.1	97.1	97.1	97.1	97.1
91.5	92.6	93.1	93.5	95.3	95.5	96.1	96.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9
91.5	93.1	93.5	94.0	95.8	96.1	96.9	97.3	97.7	98.7	98.7	98.7	98.7	98.7	98.7
91.5	93.1	93.5	94.4	96.1	96.5	97.3	97.6	98.1	99.4	99.5	99.5	99.7	99.7	99.7
91.5	93.1	93.5	94.4	96.1	96.5	97.3	97.6	98.1	99.4	99.5	99.5	99.7	99.7	99.7
91.5	93.1	93.5	94.4	96.3	96.6	97.4	97.7	98.2	99.7	99.8	99.8	99.8	99.8	99.8
91.5	93.1	93.5	94.4	96.3	96.6	97.4	97.7	98.2	99.7	99.8	99.8	99.8	99.8	99.8
91.5	93.1	93.5	94.4	96.3	96.6	97.4	97.7	98.2	99.7	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 620

USAF F-4E 72-14501 A 100% COMPLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2015 TATALINA AFS AK

75-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
80.7	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
82.1	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
84.9	85.3	85.7	85.7	85.7	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
88.3	88.7	89.0	89.0	89.2	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
88.3	89.4	89.8	89.8	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5
88.8	89.4	90.0	90.1	90.3	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.9	90.9	90.9	90.9
90.3	91.1	91.6	91.8	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9
91.1	91.8	92.6	92.8	94.2	94.4	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4
91.1	91.8	92.6	92.8	94.6	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9
91.1	91.8	92.6	92.8	94.6	94.8	95.5	95.7	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8
91.3	92.0	92.8	92.9	95.0	95.2	95.9	96.1	96.3	96.8	96.8	96.8	96.8	96.8	96.8	97.2	97.2	97.2	97.2	97.2
91.3	92.6	93.3	93.5	95.5	96.1	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3
91.8	92.6	93.3	93.5	95.5	96.1	97.0	97.2	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7
91.8	92.6	93.3	93.5	95.5	96.1	97.4	97.6	98.0	98.7	98.7	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1
91.3	92.6	93.3	93.5	95.5	96.5	98.0	98.1	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6
91.3	92.6	93.3	93.5	95.5	96.5	98.1	98.3	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8
91.3	92.6	93.3	93.5	95.5	96.5	98.1	98.3	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8
91.8	92.6	93.3	93.5	95.5	96.5	98.1	98.3	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 538

USAF ETAC 14-145-02 A PREVIOUS EDITIONS ARE OBSOLETE

2

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

APD

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4
53.3	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9
57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.1
57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
69.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
71.1	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
73.5	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
74.3	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
77.4	77.8	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
77.5	80.0	80.2	80.2	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
81.8	82.3	82.6	82.7	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5
84.3	85.1	85.4	85.4	85.9	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
86.4	87.4	87.8	87.9	88.5	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1
86.7	88.0	88.5	88.7	89.3	89.5	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
87.8	89.1	89.6	90.0	90.8	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
88.7	90.2	90.9	91.3	92.4	92.8	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
88.4	91.0	91.8	92.3	93.6	94.0	94.4	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.1
87.7	91.4	92.3	92.7	94.2	94.6	95.1	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
89.8	91.7	92.5	93.0	94.5	94.9	95.6	95.9	96.0	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5
89.9	91.7	92.7	93.2	94.8	95.3	96.2	96.6	96.7	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4
90.0	91.9	92.9	93.4	95.1	95.6	96.5	97.0	97.1	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.1
90.1	92.1	93.1	93.6	95.4	95.9	97.0	97.5	97.6	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8
90.1	92.2	93.2	93.8	95.5	96.1	97.2	97.7	97.9	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3
90.1	92.2	93.3	93.8	95.6	96.2	97.4	97.9	98.1	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6
90.1	92.2	93.3	93.8	95.6	96.2	97.4	98.0	98.1	99.3	99.5	99.6	99.9	99.9	99.9	99.9	99.9
90.1	92.2	93.3	93.8	95.6	96.2	97.4	98.0	98.1	99.3	99.5	99.6	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 5941

USAF F-4C 72-145 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0
2
1

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

73-15 TATALINA AFS AK

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000-1200

44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
57.2	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
74.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
88.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
93.4	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
94.3	95.0	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
95.1	95.8	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
95.1	95.8	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
95.6	96.3	97.0	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
96.2	96.6	97.5	97.5	97.8	97.9	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
96.2	96.8	97.5	97.5	97.8	97.9	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
96.4	97.1	97.8	97.8	98.0	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
97.2	97.9	98.5	98.5	98.8	98.9	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
97.2	97.9	98.5	98.5	98.8	98.9	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
97.2	97.9	98.5	98.5	98.8	98.9	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
97.2	97.9	98.5	98.5	98.8	98.9	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
97.4	98.0	98.7	98.7	98.9	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
97.4	98.0	98.7	98.7	98.9	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
97.4	98.0	98.7	98.7	98.9	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
97.4	98.0	98.7	98.7	98.9	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
97.4	98.0	98.7	98.7	98.9	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 757

USAF ETAC 0-145 01 A PREVIOUS EDITIONS ARE OBSOLETE

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFMPC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

034, TATALLNA AFS. AM

- 2 - 61

247

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 10,000 OBSERVATIONS

442-2422

[illegible]TOTAL NUMBER OF OBSERVATIONS 433

USA: FAS 2014-5. A meeting of the FASB was held on 14 May 2014.

1
2

CLIMATE CLIMATOLOGY BRANCH
AFS-ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION TATALINA AFS AK

73-01

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1950-1951

42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
50.3	50.3	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
83.5	83.6	83.8	83.8	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
85.9	86.0	86.2	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
87.1	87.3	87.5	87.5	87.6	87.6	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
88.5	88.7	89.0	89.0	89.1	89.2	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
89.7	90.3	90.6	90.6	90.8	91.0	91.2	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
91.0	91.4	91.6	91.6	91.8	92.1	92.3	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
91.2	91.6	92.1	92.1	92.3	92.6	92.6	92.9	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
92.0	92.3	92.6	92.6	92.9	93.4	93.8	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
92.4	92.6	93.3	93.3	93.5	94.0	94.4	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
92.9	93.3	93.9	94.1	94.6	95.0	95.3	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
93.3	93.6	94.2	94.5	95.0	95.3	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
93.5	94.1	95.0	95.4	96.0	96.4	96.6	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
93.5	94.2	95.3	95.6	96.6	97.1	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
93.6	94.4	95.7	96.2	97.1	97.6	98.1	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
93.8	94.5	95.9	96.4	97.4	97.8	98.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
93.8	94.5	95.9	96.4	97.4	97.8	98.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
93.9	94.6	96.0	96.5	97.5	98.0	98.4	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
93.9	94.6	96.0	96.5	97.5	98.0	98.4	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 834

SAFETY: ...

2

100

73-31

442

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOUR OF OBSERVATION

12-000000

[illegible]

TOTAL NUMBER OF OBSERVATIONS

—



AD-A128 118 TATIALINA AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83
UNCLASSIFIED USAFETAC/DS-83/004 SBT-AD-E850 368 F/G 4/2

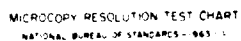
TATALINA AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83
USAFETAC/OS-83/004 SBI-AD-E850 388 F/G 4/2

315

UNCLASSIFIED

F/G 4/2

NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72315

TATALINA AFS AK

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. OBS.	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
2 2500	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
2 1800	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
2 1500	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
2 1000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
2 700	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
2 500	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
2 400	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
2 300	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
2 200	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
2 100	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
2 50	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
2 450	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
2 400	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
2 350	81.5	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
2 300	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
2 250	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
2 200	94.2	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
2 180	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
2 150	95.1	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2 100	95.4	95.9	96.3	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
2 700	95.9	96.5	96.9	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
2 600	96.0	96.8	97.2	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
2 500	96.2	97.0	97.6	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
2 400	96.2	97.0	97.7	98.1	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2 300	96.2	97.1	98.0	98.3	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2 200	96.2	97.1	98.1	98.4	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2 100	96.3	97.5	98.4	98.8	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 50	96.3	97.5	98.4	98.8	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 0	96.3	97.5	98.4	98.8	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 834

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72315

TATALINA AFS AK

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
20000	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
18000	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
16000	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
14000	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
12000	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
10000	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
8000	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
6000	42.5	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
4000	46.6	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
2000	51.4	51.4	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
1000	53.2	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
800	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
600	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
400	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
3500	87.6	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
3000	92.2	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
2500	95.0	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2000	95.9	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
1800	96.2	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
1500	96.3	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1200	96.8	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000	97.1	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
900	97.5	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	97.5	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
700	97.6	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	97.6	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	97.6	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	97.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	97.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	97.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	97.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 832

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1999-2000

ELEVATION FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO CEILING ≥ 20000	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 18000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 16000	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 14000	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 12000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 10000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 8000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 6000	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 4000	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 3000	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 2000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 1500	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 1000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 800	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 600	91.7	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 400	95.7	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 300	97.0	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	97.5	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	97.7	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	97.7	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	97.8	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	97.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	98.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 609

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-2315

TATALINA AFS AK

74-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO. CEILING ≥ 23000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 18000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 15000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 12000	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 9000	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 8000	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 7000	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 6000	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 5000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 4500	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	74.1	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3500	79.7	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3000	84.3	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	92.7	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	94.5	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1600	96.0	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1400	96.7	96.9	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	96.7	96.9	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	96.7	96.9	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	96.9	97.4	97.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	97.1	97.6	97.6	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	97.4	98.0	98.0	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 598

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315

TATALINA AFS AK

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO. CEILING	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 20000	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.1
≥ 18000	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 16000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2
≥ 14000	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 12000	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 10000	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 9000	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 8000	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 7000	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6
≥ 5000	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4500	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5
≥ 4000	82.4	82.5	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
≥ 3500	87.6	87.8	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
≥ 3000	90.7	90.9	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 2500	92.4	92.7	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	93.7	94.2	94.5	94.5	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
≥ 1800	94.1	94.6	94.9	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 1500	94.4	94.9	95.2	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
≥ 1200	95.1	95.8	96.1	96.2	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9
≥ 1000	95.4	96.2	96.5	96.7	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 900	95.9	96.7	97.1	97.3	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 800	96.2	97.1	97.5	97.7	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 700	96.3	97.2	97.8	98.0	98.4	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	96.3	97.3	97.8	98.1	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 500	96.3	97.3	98.0	98.2	98.7	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4
≥ 400	96.4	97.4	98.1	98.3	98.7	99.0	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7
≥ 300	96.4	97.4	98.1	98.3	98.8	99.0	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	96.4	97.5	98.1	98.4	98.8	99.1	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9
≥ 100	96.4	97.5	98.1	98.4	98.8	99.1	99.3	99.4	99.4	99.4	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0	96.4	97.5	98.1	98.4	98.8	99.1	99.3	99.4	99.4	99.4	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6074

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-2315 TATALINA AFS AK

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO. CEILING	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 20000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 18000	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 16000	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 14000	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2
≥ 12000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2
≥ 10000	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9
≥ 9000	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1
≥ 8000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5
≥ 7000	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
≥ 6000	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
≥ 5000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.5
≥ 4500	71.9	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5
≥ 4000	79.7	79.8	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 3500	84.5	84.9	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
≥ 3000	86.9	87.3	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0
≥ 2500	89.1	89.5	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 2000	90.0	90.5	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3
≥ 1800	90.6	91.0	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 1500	91.7	92.1	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 1200	92.4	92.9	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8
≥ 1000	93.1	93.6	94.1	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 900	93.4	93.9	94.5	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9
≥ 800	93.5	94.2	94.7	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 700	94.2	94.9	95.4	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2
≥ 600	94.6	95.3	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.8
≥ 500	94.7	95.6	96.3	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.5
≥ 400	95.2	96.0	97.1	97.9	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7
≥ 300	95.2	96.0	97.1	97.9	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7
≥ 200	95.2	96.0	97.1	97.9	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7
≥ 100	95.2	96.0	97.1	97.9	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7
≥ 0	95.2	96.0	97.1	97.9	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2300-2500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 20000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 18000	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.1	41.1	41.1
≥ 16000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2
≥ 14000	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8
≥ 12000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3
≥ 10000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6	45.6
≥ 9000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9
≥ 8000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1
≥ 7000	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1
≥ 6000	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7
≥ 5000	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2
≥ 4500	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0
≥ 4000	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5	79.5	79.5
≥ 3500	82.6	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7
≥ 3000	85.2	85.7	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3
≥ 2500	86.7	87.5	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1
≥ 2000	87.5	88.2	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.2	89.2	89.2
≥ 1800	87.7	88.5	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.5	89.5
≥ 1500	88.5	89.5	90.1	90.1	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.9	90.9
≥ 1200	89.6	90.7	91.4	91.4	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.1	92.1	92.1
≥ 1000	91.5	92.8	93.5	93.5	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.6	94.6	94.6
≥ 900	92.1	93.8	94.6	94.9	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9
≥ 800	92.4	94.2	94.9	95.3	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3
≥ 700	93.0	95.1	95.8	96.2	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3
≥ 600	93.2	95.4	96.3	97.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6
≥ 500	93.2	95.4	96.3	97.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.9	98.9	99.1
≥ 400	93.2	95.4	96.3	97.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.9	98.9	99.1
≥ 300	93.3	95.6	96.5	97.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	99.0	99.0	99.2
≥ 200	93.3	95.6	96.5	97.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	99.0	99.0	99.2
≥ 100	93.3	95.6	96.5	97.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	99.0	99.0	99.2
≥ 0	93.3	95.6	96.5	97.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	99.0	99.0	99.2

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702315 TATULINA AFS AK

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2000

CEILING FEET	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
NO CEILING	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	
≥ 20000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	
≥ 18000	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	
≥ 16000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	
≥ 14000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	
≥ 12000	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	
≥ 10000	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	
≥ 8000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	
≥ 6000	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
≥ 5000	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
≥ 4500	63.6	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	
≥ 4000	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	
≥ 3500	70.5	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
≥ 3000	77.1	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	
≥ 2500	79.1	79.3	79.7	79.8	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	
≥ 2000	81.5	81.7	82.4	82.5	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
≥ 1800	82.5	83.0	83.8	83.9	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
≥ 1600	83.4	83.9	84.7	84.9	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	
≥ 1400	83.8	84.3	85.0	85.3	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	
≥ 1200	84.2	84.7	85.4	85.7	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
≥ 1000	86.7	87.5	88.3	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
≥ 900	89.5	90.4	91.9	92.1	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
≥ 800	90.9	92.0	93.5	93.9	94.2	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
≥ 700	91.5	92.6	94.2	94.6	94.8	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
≥ 600	91.8	93.0	94.8	95.3	95.6	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
≥ 500	92.1	93.4	95.3	95.8	96.2	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
≥ 400	92.3	93.9	95.8	96.3	96.7	97.1	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
≥ 300	92.6	94.7	96.6	97.1	97.5	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
≥ 200	92.8	94.8	96.7	97.2	97.6	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
≥ 100	92.8	94.8	96.7	97.2	97.6	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
≥ 0	92.8	94.8	96.7	97.2	97.6	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	210	24	27	34	43	50	59	67	75	83	91	99	107	115	123	131
NO CEILING	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 2000	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 1800	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 1600	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 1400	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 1200	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 1000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 900	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 800	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 700	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 600	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 500	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 450	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 400	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 350	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 300	76.6	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 250	80.3	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 200	83.5	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 180	84.8	85.5	85.7	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 160	87.8	88.7	88.8	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 120	90.1	91.1	91.2	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 100	92.3	93.4	93.7	93.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 90	92.9	94.7	95.1	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 80	93.5	95.3	95.7	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 70	94.0	95.9	96.6	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 60	94.3	96.2	96.8	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 50	94.5	96.8	97.6	97.8	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 40	94.5	97.2	98.2	98.5	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 30	94.5	97.2	98.2	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 20	94.5	97.2	98.2	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 10	94.5	97.2	98.2	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	94.7	97.3	98.4	98.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 788

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

VISIBILITY STATISTICS																
FEET	200	26	21	24	10	40	27	27	21	2	24	2	21	2	21	2
2000	22.7	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
1800	25.5	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
1600	26.4	26.6	26.6	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
1400	26.8	27.0	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
1200	27.9	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
1000	28.9	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
800	32.1	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
600	34.3	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
400	37.3	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
200	40.7	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
100	42.4	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
50	44.5	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
25	48.2	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
10	60.3	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
5	72.6	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
2	80.5	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
1	84.4	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
0.5	88.1	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
0.25	89.2	89.6	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.1	92.0	92.5	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
0.05	92.9	93.7	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
0.025	93.7	94.4	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
0.01	95.7	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0.005	95.9	97.1	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0.0025	96.1	98.0	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.001	96.2	98.1	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0.0005	96.4	98.4	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0.00025	96.4	98.5	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0001	96.4	98.5	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.00005	96.4	98.5	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.000025	96.4	98.5	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.00001	96.6	98.6	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72315 TATALINA AFS AK

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

FEET	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
NO. OF OBS.	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
2000	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
1800	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
1600	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
1400	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
1200	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
1000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
800	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
600	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
400	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
200	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
100	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
50	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
25	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
10	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
5	84.8	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
2	89.3	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
1	92.0	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
0.5	93.3	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
0.2	94.7	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
0.1	96.0	96.5	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
0.05	96.4	97.0	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
0.02	96.6	97.4	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.01	96.8	97.8	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
0.005	97.3	98.5	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.002	97.3	98.5	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.001	97.3	98.5	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0005	97.3	98.5	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0002	97.3	98.5	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0001	97.3	98.5	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.00005	97.3	98.5	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.00002	97.3	98.5	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.00001	97.3	98.5	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

74-76, 78-81

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1842-2525

[illegible]TOTAL NUMBER OF OBSERVATIONS 454

USAF ETAC 0-14.5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 0315

TATALLINA AFS AK

75-61

JULY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
87.8	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
89.6	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
91.1	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
91.9	93.2	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
93.4	94.8	95.0	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
93.4	94.8	95.0	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
93.8	95.4	95.7	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
94.2	96.1	96.5	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
94.4	96.3	96.7	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
94.4	96.5	96.9	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
94.6	96.7	97.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
94.8	96.9	97.3	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
95.0	97.1	97.5	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
95.0	97.1	97.5	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 483

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
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TOTAL NUMBER OF OBSERVATIONS 5555



USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
1-1000	34.4	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
2-1000	37.1	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
3-1000	37.6	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
4-1000	37.6	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
5-1000	37.8	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
6-1000	39.2	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
7-1000	42.8	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
8-1000	44.7	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
9-1000	48.3	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
10-1000	53.6	54.8	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
11-1000	55.9	57.1	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
12-1000	61.7	62.9	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
13-1000	65.1	66.4	66.7	66.7	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
14-1000	72.0	73.5	73.7	73.7	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
15-1000	77.7	79.3	79.7	79.7	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
16-1000	83.1	85.3	85.7	85.7	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
17-1000	84.3	86.6	87.0	87.0	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
18-1000	85.0	87.7	88.1	88.1	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
19-1000	85.5	88.2	88.6	88.6	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
20-1000	87.0	89.7	90.1	90.1	90.3	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
21-1000	87.6	90.3	90.7	90.7	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
22-1000	88.0	90.9	91.3	91.3	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
23-1000	88.4	91.5	92.2	92.3	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
24-1000	88.8	92.2	92.8	93.0	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
25-1000	88.8	92.4	93.1	93.2	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
26-1000	88.9	92.8	93.5	94.0	94.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
27-1000	89.2	93.8	94.5	95.0	95.8	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
28-1000	89.2	94.0	94.7	95.3	96.1	96.3	96.9	97.0	97.0	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1
29-1000	89.2	94.0	94.9	95.7	96.8	97.0	97.6	97.7	97.7	98.5	98.5	98.5	98.5	99.2	99.2	99.2	99.2
30-1000	89.2	94.0	94.9	95.7	96.8	97.0	97.6	97.7	97.7	98.6	98.6	98.6	98.6	99.6	99.6	99.7	99.7
31-1000	89.2	94.0	94.9	95.7	96.8	97.0	97.6	97.7	97.7	98.6	98.6	98.6	98.6	99.9	99.9	100.0	100.0
32-1000	89.2	94.0	94.9	95.7	96.8	97.0	97.6	97.7	97.7	98.6	98.6	98.6	98.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 739

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	1/2	3/8	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	1/4096	1/8192	1/16384	1/32768
1000	31.9	31.9	31.9	31.9	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
900	35.5	35.5	35.5	35.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
800	36.1	36.1	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
700	36.1	36.1	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
600	36.1	36.1	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
500	37.6	37.6	37.6	37.6	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
400	41.2	41.2	41.2	41.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
300	43.7	43.7	43.7	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
200	46.2	46.2	46.2	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
100	52.4	52.4	52.4	52.4	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
90	56.8	56.8	56.8	56.8	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.7
80	63.1	63.1	63.1	63.3	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.2	64.2
70	65.1	65.3	65.3	65.4	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.1
60	72.5	72.6	72.6	72.7	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.6	73.6
50	76.3	76.7	76.7	76.8	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7
40	78.8	79.3	79.3	79.5	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.4	80.4
30	80.6	81.3	81.3	81.4	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4
20	82.7	83.4	83.4	83.6	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.6	84.6
10	83.1	83.9	83.9	84.1	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.1	85.1
9	84.9	85.9	85.9	86.1	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.2	87.2
8	85.7	86.8	86.8	87.0	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.2	88.4	88.4
7	86.6	87.8	87.8	88.0	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3	89.5	89.5
6	86.9	88.3	88.3	88.5	89.2	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.8	89.8	90.0
5	87.4	88.8	88.9	89.2	90.0	90.2	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.9	91.2	91.2
4	87.7	89.4	90.0	90.3	91.2	91.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.3	92.3
3	87.8	89.7	90.3	90.5	91.4	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.8	93.0	93.2
2	87.9	90.2	90.9	91.2	92.2	92.3	92.8	93.0	93.2	93.4	93.4	93.4	93.4	94.6	94.6	94.9
1	87.9	90.4	91.3	91.5	92.9	93.0	93.5	93.8	93.9	95.0	95.1	95.1	95.1	96.8	96.8	97.0
0	87.9	90.4	91.3	91.7	93.0	93.2	93.8	94.0	94.1	95.6	95.9	95.9	95.9	97.6	97.6	98.0
0	87.9	90.4	91.3	91.7	93.0	93.2	93.9	94.1	94.3	95.8	96.0	96.0	96.0	98.5	98.5	99.6
0	87.9	90.4	91.3	91.7	93.0	93.2	93.9	94.1	94.3	95.8	96.0	96.0	96.0	98.5	98.5	99.6

TOTAL NUMBER OF OBSERVATIONS 803

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4315

TATALINA AFS AK

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	25	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO FIRM	28.5	28.6	28.6	28.7	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.4	29.4	29.4	29.4
≥ 2000	32.1	32.2	32.2	32.3	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	33.0	33.0	33.0	33.0
≥ 1800	32.3	32.5	32.5	32.6	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.2
≥ 1600	32.7	32.8	33.0	33.1	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.7	33.7	33.7	33.7
≥ 1400	32.7	32.8	33.0	33.1	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.7	33.7	33.7	33.7
≥ 1200	34.1	34.2	34.3	34.5	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.1	35.1	35.1	35.1
≥ 1000	38.6	38.7	38.8	38.9	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.6	39.6	39.6	39.6
≥ 900	42.3	42.4	42.5	42.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3
≥ 800	46.5	46.6	46.8	46.9	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5
≥ 700	52.4	52.5	52.7	53.1	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9	53.9	53.9	53.9
≥ 600	54.2	54.5	54.7	55.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8
≥ 500	60.9	61.4	61.7	62.1	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8
≥ 450	63.4	64.2	64.4	64.8	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.7
≥ 400	69.4	70.3	70.5	70.9	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8	71.8	71.8	71.8
≥ 350	72.4	73.9	74.1	74.5	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4
≥ 300	73.6	75.2	75.5	75.9	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9
≥ 250	75.1	76.9	77.1	77.5	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6
≥ 200	76.9	78.6	78.9	79.2	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
≥ 180	77.5	79.2	79.5	79.9	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0
≥ 150	79.4	81.3	81.6	82.0	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
≥ 120	80.5	82.6	82.8	83.2	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5
≥ 100	82.1	84.7	85.2	85.6	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.9	87.2	87.2
≥ 90	83.2	85.8	86.3	86.7	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9	88.1	88.3	88.3
≥ 80	83.8	86.7	87.2	87.6	88.3	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.9	89.2	89.2	89.2
≥ 70	84.5	87.6	88.3	88.8	89.6	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.2	90.4	90.4	90.4
≥ 60	84.8	87.9	88.8	89.3	90.3	90.5	90.7	90.7	90.7	90.7	90.8	90.8	90.9	91.5	91.5	91.5
≥ 50	85.2	88.8	89.7	90.2	91.2	91.4	92.0	92.2	92.2	92.2	92.7	92.7	92.8	93.5	93.5	93.5
≥ 40	85.3	89.9	91.2	91.7	92.8	93.0	93.7	93.8	93.8	93.8	95.1	95.1	95.4	96.3	96.3	96.3
≥ 30	85.7	90.3	91.5	92.2	93.3	93.5	94.2	94.3	94.3	94.3	95.8	95.8	96.1	97.1	97.1	97.6
≥ 20	85.7	90.3	91.5	92.2	93.3	93.5	94.2	94.3	94.3	94.3	96.1	96.1	96.5	97.5	97.6	98.0
≥ 10	85.7	90.3	91.5	92.2	93.3	93.5	94.2	94.3	94.3	94.3	96.3	96.3	96.6	97.9	98.1	100.0
≥ 0	85.7	90.3	91.5	92.2	93.3	93.5	94.2	94.3	94.3	94.3	96.3	96.3	96.6	97.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 804

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72315

TATALINA AFS AK

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	28	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	27.5	27.8	27.8	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
2 2000	31.8	32.5	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
2 1800	31.8	32.5	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
2 1600	32.6	33.2	33.2	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
2 1400	32.8	33.5	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
2 1200	34.0	34.6	34.6	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
2 1000	37.5	38.1	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
2 800	41.3	42.1	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
2 600	47.1	47.8	47.8	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
2 400	53.3	54.1	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
2 200	54.3	55.2	55.2	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
2 1000	59.7	60.5	60.5	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
2 400	60.9	61.8	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
2 400	63.9	64.9	64.9	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
2 3000	67.4	68.4	68.4	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
2 2000	70.7	71.7	71.7	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
2 1800	73.7	74.7	74.7	74.8	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
2 1600	76.2	77.3	77.4	77.5	77.9	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
2 1400	78.2	79.4	79.5	79.7	80.0	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
2 1200	80.9	82.6	82.8	82.9	83.3	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
2 1000	83.9	86.1	86.4	86.6	87.1	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
2 800	85.6	88.0	88.5	88.8	89.5	89.6	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
2 600	86.9	89.5	90.0	90.4	91.1	91.3	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
2 400	87.5	90.3	90.9	91.4	92.1	92.3	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
2 200	88.1	91.4	92.1	92.8	93.6	93.8	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
2 1000	88.3	91.5	92.3	92.9	93.8	93.9	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
2 800	88.3	92.0	93.1	93.8	94.9	95.0	95.4	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2 600	88.6	93.4	94.8	95.4	96.5	96.6	97.0	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9
2 400	88.6	93.6	95.1	95.9	97.0	97.1	97.5	97.9	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5
2 200	88.6	93.6	95.1	95.9	97.3	97.4	97.8	98.1	98.1	99.0	99.0	99.1	99.1	99.1	99.1	99.1
2 1000	88.6	93.6	95.1	95.9	97.3	97.4	97.8	98.1	98.1	99.0	99.0	99.1	99.1	99.1	99.1	99.1
2 800	88.6	93.6	95.1	95.9	97.3	97.4	97.8	98.1	98.1	99.0	99.0	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 801

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72315

TATALINA AFS AK

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ .05
NO CEILING	24.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
≥ 7000	28.5	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥ 18000	28.5	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥ 16000	29.0	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 14000	29.3	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 12000	30.0	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 10000	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 8000	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 6000	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 5000	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 4000	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 3000	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 2500	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 2000	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 1500	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 1000	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 750	80.9	81.3	81.3	81.3	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 500	85.7	86.1	86.1	86.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 250	88.0	88.4	88.4	88.4	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 100	90.3	90.8	90.8	90.8	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 50	91.9	92.8	92.8	92.9	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 20	92.8	93.6	93.9	94.0	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 10	94.1	95.0	95.4	95.5	95.5	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 5	94.4	95.6	96.4	96.5	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2	94.5	96.0	96.8	96.9	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1	94.5	96.0	96.8	96.9	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ .5	94.6	96.1	97.3	97.4	97.8	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ .3	94.8	96.4	97.5	97.6	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ .25	94.8	96.6	97.8	97.9	98.4	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ .2	94.8	96.6	97.8	97.9	98.4	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ .15	94.8	96.6	97.8	97.9	98.4	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ .1	94.8	96.6	97.8	97.9	98.4	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ .05	94.8	96.6	97.8	97.9	98.4	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 803

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315

TATALINA AFS AK

73-74,76-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1520-1720

CEILING (FEET)	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
24.0	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
30.2	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
30.5	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
31.0	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
31.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
34.0	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
37.9	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
40.9	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
44.2	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
49.8	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
50.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
55.8	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
59.9	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
66.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
75.7	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
86.7	87.6	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
88.0	88.9	88.9	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
89.6	90.4	90.4	90.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
91.2	92.2	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
93.4	94.9	95.0	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
94.0	95.4	95.6	95.9	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
94.4	96.1	96.3	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
94.7	97.1	97.3	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
94.9	97.3	97.4	97.7	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
95.4	98.0	98.3	98.6	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
95.4	98.1	98.4	98.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
95.6	98.3	98.6	98.9	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.6	98.3	98.6	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.6	98.3	98.6	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.6	98.3	98.6	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 701

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

74,76-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ .05
NO CEILING	28.4	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 2000	30.4	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 1800	31.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 1600	31.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 1400	31.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 1200	33.0	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 1000	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 900	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 800	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 700	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 600	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 500	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 4500	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 4000	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3500	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3000	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	86.9	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	88.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1600	91.1	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1400	93.2	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	93.4	94.8	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	94.4	96.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	94.6	96.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	94.6	96.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	95.0	97.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	95.2	97.2	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	95.2	97.2	98.6	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	95.2	97.2	98.6	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	95.2	97.2	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	95.2	97.2	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	95.2	97.2	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	95.2	97.2	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	95.2	97.2	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

497

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315

TATALINA AFS AK

75-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO. CEILING 2 2000	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
2 1800	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
2 1600	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
2 1400	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
2 1200	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
2 1000	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
2 800	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
2 600	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
2 400	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
2 200	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
2 1000	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
2 400	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
2 200	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
2 1000	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
2 1000	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
2 200	85.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
2 200	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
2 1800	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
2 1600	89.0	90.5	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
2 1400	90.9	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
2 1200	91.0	92.6	92.6	92.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
2 1000	91.6	93.3	93.9	94.1	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
2 800	91.8	93.7	94.3	94.5	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
2 600	91.8	94.3	94.9	95.2	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
2 400	91.8	94.5	95.0	95.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
2 200	91.8	94.7	95.2	95.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
2 1000	91.8	95.4	96.0	96.6	97.5	97.5	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
2 800	91.8	95.6	96.2	96.8	98.3	98.3	98.5	98.5	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4
2 600	91.8	95.6	96.2	96.8	98.5	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6
2 400	91.8	95.6	96.2	96.8	98.5	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6
2 200	91.8	95.6	96.2	96.8	98.5	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6
2 1000	91.8	95.6	96.2	96.8	98.5	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 525

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315

TATALINA AFS AK

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

		VISIBILITY - STATUTE MILES															
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
100	FEET	28.8	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
100	FOOT	32.8	33.1	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
100	FOOT	33.1	33.5	33.5	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
100	FOOT	33.4	33.8	33.8	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
100	FOOT	33.5	33.9	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
100	FOOT	35.0	35.3	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
100	FOOT	39.0	39.4	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
100	FOOT	42.2	42.6	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
100	FOOT	46.2	46.6	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
100	FOOT	52.5	53.0	53.1	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
100	FOOT	54.4	54.9	55.0	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
100	FOOT	60.0	60.6	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
100	FOOT	62.7	63.4	63.4	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
100	FOOT	68.7	69.4	69.4	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
100	FOOT	74.1	74.9	75.0	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
100	FOOT	78.1	79.1	79.1	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
100	FOOT	81.0	82.1	82.2	82.3	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
100	FOOT	83.0	84.2	84.3	84.4	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
100	FOOT	84.2	85.5	85.6	85.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
100	FOOT	86.3	87.7	87.9	88.0	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
100	FOOT	87.9	89.6	89.8	89.9	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
100	FOOT	88.8	90.6	90.9	91.1	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
100	FOOT	89.6	91.6	92.0	92.3	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
100	FOOT	90.0	92.2	92.8	93.0	93.6	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
100	FOOT	90.3	92.8	93.5	93.8	94.3	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
100	FOOT	90.5	93.1	93.8	94.2	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
100	FOOT	90.6	93.6	94.4	94.7	95.5	95.7	96.0	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
100	FOOT	90.7	94.1	95.1	95.4	96.3	96.5	96.9	97.0	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6
100	FOOT	90.8	94.3	95.3	95.7	96.7	97.0	97.4	97.5	97.5	98.3	98.3	98.4	98.4	98.4	98.4	98.4
100	FOOT	90.8	94.3	95.3	95.7	96.7	97.0	97.4	97.6	97.6	98.4	98.5	98.6	98.6	98.6	98.6	98.6
100	FOOT	90.8	94.3	95.3	95.7	96.7	97.0	97.4	97.6	97.6	98.4	98.5	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 5673

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315

TATALINA AFS AK

73-81

ALG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
21000	47.7	48.0	48.1	48.3	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
20000	49.9	50.2	50.3	50.5	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
18000	50.2	50.5	50.6	50.8	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
16000	50.2	50.5	50.6	50.8	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
14000	50.2	50.5	50.6	50.8	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
12000	50.9	51.2	51.3	51.5	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
10000	52.1	52.4	52.6	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
9000	53.1	53.4	53.5	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
8000	57.7	58.0	58.4	58.5	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
7000	63.1	63.4	63.8	63.9	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
6000	66.6	67.0	67.4	67.5	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
5000	70.2	70.6	71.0	71.2	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
4500	71.8	72.3	72.7	72.8	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
4000	78.6	79.1	79.5	79.6	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
3500	81.0	81.4	81.8	82.0	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
3000	84.0	84.7	85.2	85.4	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
2500	85.7	87.1	87.5	87.8	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
2000	87.5	89.5	89.9	90.2	90.6	90.7	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0
1800	87.9	89.9	90.3	90.6	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4
1600	88.2	90.2	90.6	90.8	91.5	91.7	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0
1400	89.9	92.0	92.5	92.8	93.6	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
1200	90.0	92.2	92.9	93.2	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5
1000	90.2	92.6	93.3	93.6	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9
900	90.2	92.9	93.6	93.9	94.7	94.9	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4
800	90.7	93.5	94.5	94.7	95.7	95.8	96.3	96.3	96.3	96.3	96.3	96.4	96.5	96.7	96.7	96.8
700	90.8	93.6	94.6	94.9	95.8	96.4	96.8	96.8	96.8	96.8	96.8	96.9	97.1	97.2	97.4	97.4
600	90.8	93.8	95.1	95.4	96.4	96.9	97.6	97.6	97.6	97.6	97.6	97.8	97.9	98.1	98.2	98.2
500	90.8	93.8	95.1	95.4	96.4	96.9	97.6	97.6	97.6	97.6	97.6	97.8	97.9	98.1	98.2	98.2
400	91.0	93.9	95.3	95.6	96.5	97.1	97.8	97.8	97.8	97.8	97.8	97.9	98.3	98.6	98.8	98.8
300	91.0	93.9	95.3	95.6	96.5	97.1	97.8	97.8	97.8	97.8	97.8	97.9	98.3	98.9	99.0	99.0
200	91.0	93.9	95.3	95.6	96.5	97.1	97.8	97.8	97.8	97.8	97.8	97.9	98.3	99.2	99.2	100.0
100	91.0	93.9	95.3	95.6	96.5	97.1	97.8	97.8	97.8	97.8	97.8	97.9	98.3	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

AVG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

1-1000	37.8	38.3	38.4	38.6	38.8	38.8	38.8	38.8	38.8	39.1	39.1	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
1000-1500	40.8	41.3	41.4	41.6	41.8	41.8	41.8	41.8	41.8	42.1	42.1	42.1	42.5	42.5	42.5	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
1500-2000	41.1	41.6	41.8	42.0	42.1	42.1	42.1	42.1	42.1	42.5	42.5	42.5	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
2000-2500	41.1	41.6	41.8	42.0	42.1	42.1	42.1	42.1	42.1	42.5	42.5	42.5	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
2500-3000	41.6	42.1	42.3	42.5	42.6	42.6	42.6	42.6	42.6	43.0	43.0	43.0	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
3000-3500	43.6	44.1	44.3	44.5	44.6	44.6	44.6	44.6	44.6	45.0	45.0	45.0	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
3500-4000	45.5	46.0	46.1	46.4	46.5	46.5	46.5	46.5	46.5	46.9	46.9	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
4000-4500	49.8	50.3	50.4	50.6	50.8	50.8	50.8	50.8	50.8	51.1	51.1	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
4500-5000	56.5	57.1	57.4	57.6	57.8	57.8	57.8	57.8	57.8	58.1	58.1	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
5000-5500	58.9	59.9	60.1	60.4	60.5	60.5	60.5	60.5	60.5	60.9	60.9	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
5500-6000	64.4	65.4	65.6	65.9	66.0	66.0	66.0	66.0	66.0	66.4	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
6000-6500	66.8	67.8	68.0	68.3	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
6500-7000	72.8	73.8	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.8	74.8	74.8	75.2	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
7000-7500	76.8	77.8	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.8	78.8	78.8	79.2	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
7500-8000	78.9	80.1	80.4	80.6	80.8	80.8	80.8	80.8	80.8	81.2	81.2	81.2	81.6	81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
8000-8500	80.3	81.8	82.0	82.3	82.5	82.5	82.5	82.5	82.5	82.9	82.9	82.9	83.3	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
8500-9000	81.1	82.9	83.1	83.4	83.6	83.6	83.6	83.6	83.6	84.0	84.0	84.0	84.4	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
9000-9500	81.6	83.5	83.8	84.0	84.3	84.3	84.3	84.3	84.3	84.7	84.7	84.7	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
9500-10000	82.5	84.6	84.9	85.1	85.4	85.4	85.4	85.4	85.4	85.8	85.8	85.8	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
10000-10500	84.0	86.1	86.4	86.6	87.0	87.0	87.0	87.0	87.0	87.4	87.4	87.4	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
10500-11000	84.9	87.0	87.3	87.5	88.1	88.1	88.1	88.1	88.1	88.5	88.5	88.5	88.9	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
11000-11500	85.5	87.6	87.9	88.3	88.9	89.0	89.0	89.0	89.0	89.4	89.4	89.4	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
11500-12000	86.1	88.3	88.5	89.0	89.6	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.5	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
12000-12500	86.4	88.6	89.5	90.0	91.0	91.3	91.3	91.3	91.3	91.5	91.5	91.5	92.1	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
12500-13000	86.8	89.1	90.0	90.5	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.9	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
13000-13500	87.1	89.5	90.6	91.4	92.8	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.6	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
13500-14000	87.3	90.0	91.1	92.1	93.8	94.1	95.0	95.0	95.0	95.0	95.0	95.0	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
14000-14500	87.4	90.1	91.3	92.5	94.4	94.8	95.8	95.8	95.8	95.8	95.8	95.8	96.8	97.0	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
14500-15000	87.6	90.4	91.5	92.9	94.8	95.1	96.1	96.1	96.1	96.1	96.1	96.1	97.1	97.4	97.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
15000-15500	87.6	90.4	91.5	92.9	94.8	95.1	96.1	96.1	96.1	96.1	96.1	96.1	97.1	97.4	97.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
15500-16000	87.6	90.4	91.5	92.9	94.8	95.1	96.1	96.1	96.1	96.1	96.1	96.1	97.1	97.4	97.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 600

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1315 TATALINA AFS AK

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1600-1800

31.1	31.3	31.3	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.7	31.7	31.7	31.7
33.3	33.7	33.7	33.8	33.8	33.8	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.1
33.7	34.1	34.1	34.2	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.7	34.7	34.7	34.7
34.0	34.3	34.3	34.5	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.0
34.1	34.5	34.5	34.6	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.1	35.1	35.1	35.1
35.6	36.0	36.0	36.1	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6
39.1	39.5	39.5	39.6	40.0	40.0	40.0	40.3	40.3	40.4	40.4	40.4	40.4	40.6	40.6	40.6	40.6
40.7	41.1	41.1	41.2	41.7	41.7	41.7	42.1	42.1	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3
49.3	49.7	49.7	49.8	50.3	50.3	50.3	50.7	50.7	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9
56.2	57.3	57.3	57.4	57.9	58.1	58.2	58.6	58.6	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8
58.8	59.2	59.2	59.3	59.8	59.9	60.0	60.4	60.4	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7
62.2	62.7	62.7	63.0	63.8	63.9	64.0	64.4	64.4	64.5	64.8	64.8	65.0	65.3	65.3	65.3	65.3
63.3	63.8	63.8	64.2	64.9	65.0	65.2	65.5	65.5	65.7	65.9	65.9	66.2	66.2	66.2	66.2	66.2
68.3	68.9	68.9	69.3	70.0	70.2	70.3	70.7	70.7	70.8	71.0	71.0	71.3	71.3	71.3	71.3	71.3
72.0	72.7	72.7	73.0	73.8	73.9	74.0	74.4	74.4	74.5	74.8	74.8	75.0	75.1	75.1	75.1	75.1
74.2	74.9	75.0	75.5	76.4	76.5	76.7	77.0	77.0	77.2	77.4	77.4	77.7	77.7	77.7	77.7	77.7
75.3	76.3	76.4	76.9	77.8	77.9	78.0	78.4	78.4	78.5	78.9	78.9	79.2	79.2	79.2	79.2	79.2
76.9	78.0	78.3	78.8	79.7	79.8	79.9	80.3	80.3	80.4	80.8	80.8	81.0	81.0	81.0	81.0	81.0
77.5	78.7	79.0	79.5	80.4	80.5	80.6	81.0	81.0	81.1	81.5	81.5	81.8	81.8	81.8	81.8	81.8
78.3	80.1	80.5	81.1	82.0	82.1	82.4	82.8	82.8	82.9	83.3	83.3	83.5	83.5	83.5	83.5	83.5
81.1	83.0	83.4	84.1	85.1	85.3	85.5	85.9	85.9	86.0	86.4	86.4	86.6	86.6	86.6	86.6	86.6
82.3	84.1	84.6	85.5	86.5	86.6	86.9	87.3	87.3	87.4	87.8	87.8	88.0	88.0	88.0	88.0	88.0
82.8	84.6	85.6	86.5	87.6	87.8	88.0	88.4	88.4	88.5	88.9	88.9	89.1	89.1	89.1	89.1	89.1
82.9	84.9	86.0	87.0	88.3	88.5	88.9	89.3	89.3	89.4	89.9	89.9	90.1	90.1	90.1	90.1	90.1
83.4	85.6	87.3	88.3	89.8	90.3	90.9	91.3	91.3	91.4	91.9	91.9	92.1	92.1	92.1	92.1	92.1
84.3	86.5	88.1	89.1	90.8	91.4	92.0	92.4	92.4	92.5	93.0	93.0	93.3	93.3	93.3	93.3	93.3
84.6	87.3	88.9	89.9	91.9	92.5	93.1	93.9	93.9	94.0	94.5	94.5	94.9	94.9	94.9	94.9	94.9
84.6	87.4	89.0	90.3	92.5	93.1	93.8	94.9	95.1	95.5	96.0	96.0	96.4	96.4	96.5	97.0	97.0
84.6	87.5	89.1	90.6	92.1	93.8	94.4	95.6	96.0	96.8	97.3	97.5	97.9	97.9	98.1	98.6	98.6
84.8	87.6	89.3	90.8	93.3	93.9	94.5	95.8	96.1	96.9	97.4	97.6	98.5	98.5	99.1	99.8	99.8
84.8	87.6	89.3	90.8	93.3	93.9	94.6	95.9	96.3	97.0	97.5	97.9	98.8	98.8	99.4	100.0	100.0
84.8	87.6	89.3	90.8	93.3	93.9	94.6	95.9	96.3	97.0	97.5	97.9	98.8	98.8	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 801

1
2

GENERAL CLIMATOLOGY BRANCH
USAFSTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-715 TATALINA AFS AK

73-31

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

33.1	33.1	33.1	33.1	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
36.5	36.5	36.5	36.5	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
37.6	37.6	37.6	37.6	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
37.8	37.8	37.8	37.8	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
38.5	38.6	38.6	38.6	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
40.6	40.7	40.7	40.7	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
43.8	43.9	43.9	43.9	44.2	44.3	44.3	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
45.7	45.8	45.8	45.8	46.1	46.2	46.2	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
53.1	53.2	53.2	53.2	53.4	53.6	53.6	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
60.2	60.4	60.4	60.4	60.7	60.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
62.5	62.8	62.9	62.9	63.3	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
64.7	65.0	65.2	65.2	65.7	65.8	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
65.4	65.8	65.9	65.9	66.4	66.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
69.3	69.8	69.9	69.9	70.4	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
71.2	71.7	71.8	71.8	72.3	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
72.5	73.3	73.5	73.5	74.0	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
73.9	74.8	75.0	75.0	75.5	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
77.3	78.2	78.4	78.4	78.9	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
78.5	79.4	79.7	79.7	80.1	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
81.4	82.3	82.5	82.5	83.0	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
84.6	85.5	85.8	85.9	86.6	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
86.0	86.9	87.1	87.3	88.0	88.1	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
87.9	89.0	89.5	89.6	90.4	90.5	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
89.2	90.3	91.1	91.3	92.0	92.1	92.3	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
89.5	91.0	92.1	92.4	93.3	93.5	93.6	94.1	94.1	94.1	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5
90.6	92.6	93.8	94.0	95.4	95.8	96.0	96.5	96.5	96.5	96.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0
91.0	93.4	94.5	94.9	96.3	96.6	96.9	97.4	97.4	97.4	97.4	97.5	97.9	97.9	98.0	98.0	98.0	98.0
91.3	93.6	94.8	95.1	97.4	97.8	98.0	98.5	98.6	98.6	98.6	98.8	99.1	99.1	99.4	99.4	99.4	99.4
91.3	93.9	95.0	95.4	97.6	98.0	98.3	98.8	98.9	98.9	98.9	99.0	99.5	99.5	99.8	99.8	99.8	99.8
91.3	93.9	95.0	95.4	97.6	98.0	98.3	98.8	98.9	98.9	98.9	99.0	99.5	99.5	99.8	99.8	99.8	99.8
91.3	93.9	95.0	95.4	97.6	98.0	98.3	98.8	98.9	98.9	98.9	99.0	99.5	99.5	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 801

USAF STAC 73-31-45-101 A 101-45-101 A 101-45-101 A 101-45-101 A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2715 TATALINA AFS AK

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

28.9	28.9	28.9	28.9	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
32.5	32.5	32.5	32.5	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
33.4	33.4	33.4	33.4	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
33.4	33.4	33.4	33.4	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
33.5	33.5	33.5	33.5	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
35.1	35.1	35.1	35.1	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
37.5	37.5	37.5	37.5	37.9	37.9	38.1	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
39.8	39.8	39.8	39.8	40.1	40.1	40.4	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
44.4	44.5	44.5	44.5	44.9	44.9	45.1	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
49.5	49.6	49.6	49.6	50.1	50.1	50.4	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
52.9	53.0	53.0	53.0	53.5	53.5	53.8	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
55.5	55.6	55.6	55.6	56.1	56.3	56.6	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
57.1	57.1	57.1	57.1	57.6	57.8	58.1	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
62.5	62.6	62.6	62.6	63.1	63.3	63.6	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
68.8	68.9	68.9	68.9	69.4	69.5	69.9	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
74.6	74.8	74.8	74.8	75.3	75.4	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
80.6	80.8	80.8	80.8	81.3	81.4	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
85.3	85.4	85.4	85.4	85.9	86.0	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
86.4	86.5	86.5	86.5	87.0	87.1	87.5	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
88.6	88.9	88.9	89.0	89.6	89.8	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
90.6	90.9	90.9	91.0	91.6	91.8	92.1	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
91.1	91.4	91.4	91.5	92.1	92.3	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
92.5	93.5	93.9	94.3	94.9	95.0	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
93.4	94.5	94.9	95.3	96.0	96.1	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
93.5	94.6	95.1	95.5	96.4	96.5	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
94.1	95.3	96.1	96.5	97.4	97.5	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
94.1	95.5	96.5	97.0	97.9	98.0	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
94.3	95.6	96.6	97.3	98.4	98.5	98.9	99.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
94.3	95.8	96.8	97.4	98.5	98.6	99.0	99.3	99.3	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.3	95.8	96.8	97.4	98.5	98.6	99.0	99.3	99.3	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.3	95.8	96.8	97.4	98.5	98.6	99.0	99.3	99.3	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 800



USAF ETAC 0-14-5 Q. A. PREPARED BY THE CLIMATOLOGY BRANCH

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS.

1500-1700

[illegible]TOTAL NUMBER OF OBSERVATIONS 691

USAF EIAO 0-14.5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75-61 TATALLINA AFS AK

75-61

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2100

42.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
45.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
46.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
46.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
46.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
48.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
49.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
55.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
62.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
66.0	67.5	67.5	67.5	67.5	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
71.1	72.6	72.6	72.6	72.6	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
72.8	74.3	74.3	74.3	74.3	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
79.8	80.5	80.5	80.5	80.5	80.5	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
83.0	84.9	85.1	85.3	85.3	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
86.2	88.1	88.3	88.5	88.5	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
87.9	90.4	90.5	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
88.7	91.1	91.3	91.5	91.5	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
89.4	91.9	92.1	92.2	92.2	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
89.6	92.1	92.2	92.4	92.4	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
90.0	92.4	92.8	93.2	93.2	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
90.9	93.4	93.8	94.1	94.1	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
91.5	94.5	94.9	95.3	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
91.7	94.7	95.1	95.5	95.8	95.8	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
91.9	95.1	95.5	95.8	96.8	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
91.9	95.1	95.5	95.8	96.8	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
91.9	95.1	95.8	96.2	97.2	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
91.9	95.1	95.8	96.2	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
91.9	95.1	95.8	96.2	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
91.9	95.1	95.8	96.2	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
91.9	95.1	95.8	96.2	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
91.9	95.1	95.8	96.2	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 529

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A15 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

35.5	35.9	35.9	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3
38.4	38.9	38.9	39.0	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3
39.1	39.6	39.6	39.7	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.1	40.1	40.1	40.1
39.2	39.7	39.7	39.8	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.2	40.2	40.2	40.2
39.3	39.8	39.8	39.9	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.3	40.3	40.3
40.3	40.8	40.8	40.9	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3
42.8	43.3	43.3	43.4	43.7	43.7	43.7	43.7	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.1
44.6	45.1	45.2	45.2	45.5	45.5	45.5	45.5	45.7	45.7	45.8	45.8	45.8	45.9	45.9	45.9
50.4	51.0	51.0	51.1	51.3	51.4	51.4	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.8
57.0	57.6	57.7	57.8	58.1	58.1	58.2	58.4	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6
59.8	60.6	60.7	60.8	61.1	61.1	61.2	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6
63.5	64.3	64.4	64.5	64.8	64.9	65.1	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5
65.0	65.8	65.9	66.0	66.4	66.4	66.6	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0
70.7	71.6	71.7	71.8	72.2	72.2	72.4	72.5	72.5	72.7	72.7	72.8	72.9	72.9	72.9	72.9
75.4	76.3	76.4	76.5	76.9	76.9	77.1	77.2	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.6
79.0	80.0	80.2	80.4	80.7	80.8	81.0	81.1	81.1	81.3	81.3	81.4	81.5	81.5	81.5	81.5
81.6	82.9	83.1	83.3	83.7	83.8	83.9	84.1	84.1	84.2	84.3	84.3	84.5	84.5	84.5	84.5
83.8	85.3	85.5	85.7	86.1	86.2	86.3	86.5	86.5	86.7	86.7	86.8	86.9	86.9	86.9	86.9
84.6	86.1	86.3	86.5	86.9	87.0	87.2	87.3	87.3	87.5	87.5	87.6	87.7	87.7	87.7	87.7
85.8	87.4	87.7	87.9	88.4	88.5	88.7	88.8	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.2
87.6	89.3	89.5	89.8	90.5	90.5	90.7	90.8	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.3
88.3	90.0	90.3	90.6	91.3	91.3	91.5	91.7	91.7	91.9	91.9	92.0	92.1	92.1	92.1	92.1
89.3	91.4	91.6	92.2	92.9	93.0	93.2	93.4	93.4	93.5	93.6	93.7	93.8	93.8	93.8	93.8
89.8	91.9	92.4	92.8	93.6	93.8	94.0	94.2	94.2	94.4	94.5	94.5	94.7	94.7	94.7	94.7
90.0	92.3	93.1	93.5	94.5	94.8	95.1	95.2	95.2	95.4	95.6	95.6	95.8	95.8	95.8	95.8
90.5	92.9	93.7	94.1	95.2	95.6	95.9	96.1	96.1	96.3	96.4	96.5	96.6	96.6	96.6	96.7
90.7	93.2	94.2	94.7	95.9	96.3	96.8	97.0	97.0	97.2	97.4	97.4	97.6	97.7	97.8	97.8
90.7	93.3	94.3	95.0	96.4	96.8	97.3	97.6	97.6	97.9	98.1	98.1	98.4	98.5	98.6	98.7
90.8	93.4	94.4	95.1	96.7	97.1	97.6	97.9	97.9	98.3	98.5	98.6	99.0	99.1	99.2	99.3
90.8	93.5	94.5	95.2	96.8	97.1	97.7	97.9	98.0	98.4	98.6	98.7	99.2	99.3	99.5	99.7
90.8	93.5	94.5	95.2	96.8	97.1	97.7	98.0	98.0	98.4	98.6	98.7	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5638

USAF ETAC 0-14.5-OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

7 4315

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2000-2200

43.3	43.3	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
44.3	44.5	44.7	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
45.5	45.8	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
45.5	45.8	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
45.5	45.8	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
46.4	46.6	46.8	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
49.0	49.3	49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
49.9	50.1	50.3	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
52.7	52.9	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
56.6	56.9	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
58.8	59.1	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
61.3	61.6	61.9	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
63.9	64.1	64.6	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
70.0	70.6	71.0	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
73.7	74.4	74.8	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
76.8	77.7	78.2	78.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
78.9	80.0	80.4	80.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
81.5	83.1	83.5	83.9	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
83.5	85.3	85.7	86.1	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
84.2	86.3	86.7	87.1	88.4	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
85.4	88.0	88.4	88.8	90.1	90.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
86.1	89.1	89.5	89.9	91.6	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
86.4	89.4	89.8	90.2	92.2	92.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
86.4	89.4	90.1	90.5	92.4	92.6	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
86.8	89.8	90.5	90.9	93.0	93.1	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
87.3	90.2	90.9	91.5	93.8	94.0	95.7	95.8	95.8	96.1	96.2	96.2	96.2	96.2	96.4	96.4
87.4	90.3	91.2	91.7	94.3	94.4	96.1	96.2	96.2	96.6	96.8	96.8	96.9	96.9	97.1	97.1
87.5	90.6	91.5	92.0	94.8	95.0	96.9	97.1	97.1	98.2	98.3	98.3	98.5	98.5	98.6	98.6
87.5	90.6	91.5	92.0	94.8	95.0	97.1	97.3	97.3	98.9	99.0	99.0	99.2	99.2	99.3	99.6
87.5	90.6	91.5	92.0	94.8	95.0	97.1	97.3	97.3	98.9	99.0	99.0	99.4	99.4	99.4	99.6
87.5	90.6	91.5	92.0	94.8	95.0	97.1	97.3	97.3	98.9	99.0	99.0	99.4	99.4	99.4	99.6

TOTAL NUMBER OF OBSERVATIONS 714

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-2500

38.1	38.3	38.3	38.4	38.4	38.4	38.5	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8
39.2	39.3	39.3	39.5	39.5	39.5	39.7	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9
40.4	40.6	40.6	40.8	40.8	40.8	40.9	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2
40.6	40.7	40.7	40.9	40.9	40.9	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3
40.7	40.8	40.8	41.1	41.1	41.1	41.2	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5
42.0	42.1	42.1	42.4	42.4	42.4	42.5	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7
44.4	44.5	44.5	44.8	44.8	44.8	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
46.2	46.3	46.3	46.6	46.6	46.6	46.7	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0
51.1	51.2	51.2	51.6	51.7	51.7	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
56.6	56.7	56.7	57.1	57.3	57.3	57.4	57.5	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8
58.0	58.2	58.2	58.5	58.7	58.7	58.8	58.9	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.2
60.3	60.7	60.7	61.1	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7
62.9	63.3	63.3	63.7	64.2	64.2	64.3	64.4	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7
68.5	69.1	69.1	69.4	70.0	70.0	70.1	70.2	70.2	70.3	70.3	70.5	70.5	70.5	70.5	70.5
70.3	71.6	71.8	72.3	72.9	72.9	73.0	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4
73.4	75.1	75.4	75.9	76.9	76.9	77.0	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4
75.0	76.6	77.0	77.5	78.6	78.7	78.8	78.9	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2
77.3	79.3	79.8	80.4	82.0	82.2	82.4	82.5	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8
78.4	80.7	81.3	81.8	83.4	83.6	83.8	84.0	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2
79.6	82.4	83.2	83.8	85.6	85.8	86.1	86.3	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5
81.1	84.1	84.9	85.5	87.3	87.5	88.2	88.3	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6
82.8	86.3	87.0	87.7	89.5	89.7	90.6	91.0	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3
82.9	86.4	87.2	87.8	89.6	89.9	91.1	91.5	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8
83.4	87.0	87.8	88.4	90.2	90.5	91.8	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8
83.7	87.3	88.1	88.7	90.9	91.1	92.6	93.3	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6
84.0	87.5	88.6	89.6	91.8	92.3	93.7	94.5	94.5	94.6	94.6	94.7	94.9	94.9	94.9	94.9
84.1	87.9	89.1	90.1	93.1	93.6	95.0	95.8	95.8	96.0	96.1	96.3	96.4	96.4	96.7	96.7
84.5	88.4	89.7	90.8	93.8	94.6	96.0	96.8	96.8	97.0	97.2	97.3	97.7	97.7	97.9	97.9
84.5	88.4	89.7	90.8	93.8	94.6	96.1	96.9	96.9	97.3	97.4	97.6	98.3	98.3	98.6	98.7
84.7	88.7	90.0	91.0	94.1	94.9	96.4	97.2	97.2	97.6	97.7	97.8	98.8	98.8	99.1	99.2
84.7	88.7	90.0	91.0	94.1	94.9	96.4	97.2	97.2	97.6	97.7	97.8	99.2	99.2	99.5	100.0
84.7	88.7	90.0	91.0	94.1	94.9	96.4	97.2	97.2	97.6	97.7	97.8	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 779

14

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 23.5 TATALINA AFS AK

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-2400

30.3	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
32.3	32.4	32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
33.7	33.8	33.8	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
33.7	33.8	33.8	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
34.4	34.5	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
35.2	35.4	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
38.7	38.8	38.8	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
40.5	40.6	40.6	40.7	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
43.9	44.2	44.3	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
51.5	52.0	52.1	52.2	52.7	52.7	52.7	52.7	52.7	52.7	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0
53.5	54.0	54.2	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0
56.6	57.6	57.7	57.9	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7
59.3	60.2	60.3	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3
62.5	63.6	63.7	63.9	64.6	64.6	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1
65.6	66.9	67.2	67.3	68.3	68.3	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8
69.0	70.5	71.3	71.4	72.7	72.7	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2
69.9	71.4	72.2	72.3	73.8	73.8	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3
72.0	73.7	74.7	75.0	76.5	76.5	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1
72.3	74.1	75.1	75.5	77.0	77.0	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7
74.5	76.5	77.8	78.2	79.7	79.7	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3
76.8	79.7	81.0	81.5	83.1	83.4	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.2	84.2
77.5	80.6	82.0	82.5	84.3	84.7	85.1	85.2	85.2	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.7	85.7
78.5	81.6	83.3	83.9	85.7	86.1	86.7	86.8	86.8	86.8	87.2	87.2	87.2	87.4	87.4	87.4	87.7	87.7
79.3	82.5	84.2	84.9	86.7	87.1	88.0	88.1	88.1	88.1	88.5	88.5	88.5	88.6	88.6	88.6	89.0	89.0
80.1	83.3	85.1	86.1	88.4	88.8	90.3	90.4	90.4	90.4	90.8	90.8	90.8	90.9	90.9	90.9	91.3	91.3
80.1	83.9	86.7	87.0	89.5	90.0	92.0	92.1	92.1	92.5	92.5	92.5	92.5	92.6	92.6	92.6	93.0	93.0
80.6	84.5	86.6	87.7	90.7	91.3	93.2	93.5	93.5	93.5	94.1	94.1	94.1	94.5	94.5	94.5	94.9	94.9
81.0	84.9	87.0	88.1	91.1	91.7	93.6	93.9	93.9	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.5	95.5
81.1	85.1	87.2	88.4	91.4	92.1	94.1	94.5	94.5	95.5	96.0	96.0	96.0	96.7	96.7	96.7	97.2	97.2
81.2	85.4	87.7	88.9	92.3	93.0	95.0	95.4	95.4	96.7	97.3	97.3	97.3	98.3	98.3	98.3	99.0	99.1
81.2	85.4	87.7	88.9	92.3	93.0	95.0	95.4	95.4	96.8	97.4	97.4	97.4	98.6	98.6	98.6	99.4	100.0
81.2	85.4	87.7	88.9	92.3	93.0	95.0	95.4	95.4	96.8	97.4	97.4	97.4	98.6	98.6	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 783

CEILING VERSUS VISIBILITY

73-81

SEP

0900-1100

[illegible]TOTAL NUMBER OF OBSERVATIONS 786

1
2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2215 TATALINA AFS AK

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
58.7	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
60.7	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
63.3	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
66.2	67.0	67.0	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
69.7	70.6	70.6	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
73.4	74.4	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
77.6	78.8	78.9	78.9	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
79.8	81.1	81.2	81.2	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
81.5	82.9	83.0	83.0	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
84.3	86.4	86.6	86.6	87.2	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
85.2	87.7	87.9	87.9	88.5	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
87.9	90.4	90.9	90.9	91.8	92.1	92.5	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0
88.6	91.2	91.8	92.1	93.0	93.2	93.6	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
89.6	92.2	93.0	93.4	94.8	95.1	95.7	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
90.2	92.7	93.6	94.1	95.7	96.0	96.8	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
90.4	93.0	93.9	94.4	95.9	96.3	97.2	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
90.5	93.5	94.6	95.3	96.9	97.3	98.2	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
90.5	93.5	94.6	95.5	97.3	97.7	98.6	98.7	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4
90.5	93.5	94.6	95.5	97.3	97.7	98.6	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
90.5	93.5	94.6	95.5	97.3	97.7	98.6	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 782

USAF ETAC 0-14-5 TOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

/

7 2345

73-74, 76-81

SELF

1522-1722

L.F.

658

1
2
3GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2745 TATALINA AFS AK

73-74,76-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1900-2000

35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
37.7	37.7	37.7	37.7	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
38.6	38.6	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
39.2	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
40.1	40.1	40.1	40.1	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
41.4	41.4	41.4	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
43.6	43.6	43.6	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
53.4	53.4	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
64.7	64.7	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
72.1	72.8	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
75.8	76.5	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
79.1	80.4	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
82.1	83.4	83.5	83.5	84.1	84.1	84.1	84.1	84.1	84.1	85.0	85.0	85.0	85.0	85.0	85.0	85.0
83.0	84.3	84.5	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8
85.9	87.1	87.2	87.2	88.0	88.0	88.0	88.0	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7
88.7	90.2	90.4	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9
89.3	91.1	91.3	91.3	91.5	92.2	92.2	92.2	92.2	92.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0
90.0	92.2	92.4	92.4	93.5	93.5	93.5	93.5	93.5	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3
90.8	93.0	93.2	93.2	94.3	94.3	94.3	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0
91.9	94.3	94.5	94.5	95.7	95.7	95.7	95.7	95.7	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5
92.1	94.5	94.6	94.6	96.1	96.1	96.1	96.1	96.1	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9
92.1	94.5	94.6	94.6	96.1	96.1	96.1	96.1	96.1	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
92.1	94.5	94.6	94.6	96.1	96.1	96.1	96.1	96.1	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8
92.1	94.5	94.6	94.6	96.1	96.1	96.1	96.1	96.1	96.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0
92.1	94.5	94.6	94.6	96.1	96.1	96.1	96.1	96.1	96.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
92.1	94.5	94.6	94.6	96.1	96.1	96.1	96.1	96.1	96.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
92.1	94.5	94.6	94.6	96.1	96.1	96.1	96.1	96.1	96.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
92.1	94.5	94.6	94.6	96.1	96.1	96.1	96.1	96.1	96.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 541

USAF ETAC 73-74,76-81 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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232

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2125-2322

[illegible]TOTAL NUMBER OF OBSERVATIONS 524

USA: FBI, 7-14-68 OL A REFUGEE, F. TOWNSHIP, NEW YORK STATE

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CEILING VERSUS VISIBILITY

73-61 TATALINA AFS AK

73-61

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

35.5	35.6	35.7	35.8	35.9	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	49.0	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	49.9	50.0	50.1	50.2	50.3	50.4	50.5	50.6	50.7	50.8	50.9	51.0	51.1	51.2	51.3	51.4	51.5	51.6	51.7	51.8	51.9	52.0	52.1	52.2	52.3	52.4	52.5	52.6	52.7	52.8	52.9	53.0	53.1	53.2	53.3	53.4	53.5	53.6	53.7	53.8	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8	54.9	55.0	55.1	55.2	55.3	55.4	55.5	55.6	55.7	55.8	55.9	56.0	56.1	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.8	60.9	61.0	61.1	61.2	61.3	61.4	61.5	61.6	61.7	61.8	61.9	62.0	62.1	62.2	62.3	62.4	62.5	62.6	62.7	62.8	62.9	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0	65.1	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9	67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0	76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9	77.0	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.4	80.5	80.6	80.7	80.8	80.9	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0	85.1	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.2	86.3	86.4	86.5	86.6	86.7	86.8	86.9	87.0	87.1	87.2	87.3	87.4	87.5	87.6	87.7	87.8	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.9	89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.7	90.8	90.9	91.0	91.1	91.2	91.3	91.4	91.5	91.6	91.7	91.8	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0	94.1	94.2	94.3	94.4	94.5	94.6	94.7	94.8	94.9	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.9	97.0	97.1	97.2	97.3	97.4	97.5	97.6	97.7	97.8	97.9	98.0	98.1	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9	100.0
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TOTAL NUMBER OF OBSERVATIONS 5548

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GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7315 TATALLA AFS AK

73-81

267

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-1200

35.2	35.3	36.3	36.3	36.8	36.8	37.3	37.4	37.5	37.5	37.7	37.7	37.7	37.7	37.7	37.7
38.4	38.6	38.6	38.6	39.1	39.1	39.3	39.7	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9
38.7	38.8	38.8	38.8	39.3	39.3	39.6	39.9	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2
38.8	38.8	38.8	38.8	39.3	39.3	39.6	39.9	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2
38.8	39.1	39.1	39.1	39.6	39.6	39.8	40.2	40.3	40.3	40.5	40.5	40.5	40.5	40.5	40.5
39.7	39.9	39.9	39.9	40.5	40.5	40.7	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3
41.1	41.3	41.3	41.3	41.8	41.8	42.1	42.5	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7
42.4	42.6	42.6	42.6	43.1	43.1	43.4	43.7	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0
44.6	44.9	44.9	44.9	45.5	45.5	45.8	46.1	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4
48.4	48.7	48.7	48.7	49.3	49.3	49.6	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
51.3	51.6	51.6	51.6	52.2	52.2	52.8	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
53.1	53.4	53.4	53.4	54.0	54.0	54.6	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2
54.2	54.5	54.5	54.5	55.1	55.1	55.8	56.1	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4
59.2	58.7	58.7	58.7	59.3	59.3	59.9	60.3	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6
61.1	61.6	61.6	61.6	62.3	62.3	63.0	63.3	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6
64.7	65.7	65.7	65.7	66.5	66.5	67.1	67.5	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8
67.8	69.2	69.2	69.3	71.2	70.2	71.0	71.6	71.7	71.8	72.2	72.2	72.2	72.2	72.2	72.2
72.3	74.3	74.3	74.5	75.3	75.3	76.5	77.0	77.1	77.2	77.6	77.6	77.6	77.6	77.6	77.6
73.2	75.6	75.6	75.7	76.6	76.7	78.0	78.5	78.6	78.8	79.1	79.1	79.1	79.1	79.1	79.1
74.3	77.4	77.5	78.0	79.0	79.1	80.4	81.2	81.3	81.4	81.8	81.8	81.8	81.8	82.0	82.0
75.9	79.4	79.5	80.0	81.2	81.4	83.1	83.8	83.9	84.1	84.5	84.5	84.5	84.5	84.8	84.8
76.2	80.0	80.2	80.7	81.8	82.0	84.2	85.0	85.1	85.2	85.6	85.6	85.6	85.6	86.0	86.0
76.7	80.5	80.7	81.2	82.3	82.7	85.5	86.3	86.5	86.6	87.0	87.0	87.0	87.0	87.4	87.4
77.4	81.3	81.5	82.0	83.7	84.2	87.6	88.6	88.7	88.9	89.3	89.4	89.4	89.4	89.8	89.8
77.9	81.8	82.2	82.7	84.6	85.1	88.7	89.8	89.9	90.1	90.8	90.9	90.9	90.9	91.3	91.3
78.1	82.3	82.8	83.3	85.3	86.0	89.8	91.0	91.2	91.8	92.5	92.7	92.7	92.7	93.0	93.0
78.4	82.6	83.1	83.6	86.0	86.6	91.0	93.6	93.7	94.7	95.4	95.6	95.7	95.8	96.2	96.2
78.4	82.6	83.1	83.6	86.0	86.6	91.3	94.1	94.2	95.6	96.5	96.6	96.8	97.2	97.6	97.6
78.4	82.7	83.2	83.7	86.1	86.7	91.5	94.3	94.4	95.8	96.7	96.8	97.5	97.9	98.7	98.7
78.5	82.8	83.3	83.8	86.2	86.9	91.7	94.6	94.7	96.3	97.3	97.5	98.1	98.6	99.6	99.6
78.5	82.8	83.3	83.8	86.2	86.9	91.7	94.6	94.7	96.3	97.3	97.5	98.1	98.6	100.0	100.0
78.5	82.8	83.3	83.8	86.2	86.9	91.7	94.6	94.7	96.3	97.3	97.5	98.1	98.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

1
2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-5 TATALINA AFS AK

73-81

207

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-1500

34.3	34.8	35.0	35.2	35.5	35.5	35.8	36.1	36.1	36.1	36.4	36.4	36.4	36.4	36.4	36.4
36.3	36.8	37.2	37.1	37.5	37.5	37.7	38.1	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3
36.8	37.2	37.5	37.6	38.0	38.0	38.2	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8
36.8	37.2	37.5	37.6	38.0	38.0	38.2	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8
37.0	37.5	37.7	37.9	38.2	38.2	38.5	38.8	38.8	38.8	39.1	39.1	39.1	39.1	39.1	39.1
37.2	37.7	38.0	38.1	38.5	38.5	38.7	39.1	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.3
38.7	39.2	39.4	39.6	39.9	39.9	40.2	40.5	40.5	40.5	40.8	40.8	40.8	40.8	40.8	40.8
40.0	40.5	40.8	40.9	41.3	41.3	41.5	41.9	41.9	41.9	42.1	42.1	42.1	42.1	42.1	42.1
42.6	43.1	43.3	43.5	43.8	43.8	44.1	44.4	44.4	44.4	44.7	44.7	44.7	44.7	44.7	44.7
45.7	46.2	46.5	46.6	47.0	47.0	47.3	47.6	47.6	47.6	47.9	47.9	48.2	48.2	48.2	48.2
48.1	48.6	49.0	49.1	49.5	49.5	49.7	50.1	50.1	50.1	50.3	50.3	50.4	50.4	50.5	50.5
50.3	50.8	51.2	51.3	51.6	51.6	52.1	52.5	52.5	52.5	52.7	52.7	53.1	53.1	53.1	53.1
52.5	53.0	53.4	53.5	53.8	53.8	54.3	54.7	54.7	54.7	55.1	55.1	55.4	55.4	55.6	55.6
55.3	55.8	56.2	56.3	56.7	56.7	57.1	57.5	57.5	57.5	57.9	57.9	58.2	58.2	58.4	58.4
58.5	59.0	59.3	59.5	60.0	60.0	60.4	60.8	60.8	60.8	61.2	61.2	61.5	61.5	61.7	61.7
61.7	63.0	63.6	64.0	64.6	64.6	65.1	65.4	65.4	65.4	65.8	65.8	66.2	66.2	66.3	66.3
63.6	65.3	66.2	66.5	67.2	67.2	67.6	68.0	68.0	68.0	68.4	68.4	69.1	69.1	69.2	69.2
68.1	70.5	71.4	71.9	72.5	72.5	73.1	73.5	73.5	73.5	73.9	73.9	74.6	74.6	74.7	74.7
68.9	71.7	72.9	73.5	74.1	74.1	74.7	75.1	75.1	75.1	75.5	75.5	76.2	76.2	76.3	76.3
71.1	74.2	75.9	76.8	77.4	77.5	78.8	79.1	79.1	79.1	79.5	79.5	80.2	80.2	80.3	80.3
72.6	76.2	78.0	79.4	80.0	80.1	82.1	82.4	82.4	82.4	82.8	82.8	83.5	83.5	83.9	83.9
73.9	77.9	79.7	81.1	81.8	81.9	84.5	85.0	85.0	85.0	85.3	85.3	86.1	86.1	86.4	86.4
74.0	78.4	80.3	81.9	82.8	82.9	85.8	86.3	86.3	86.3	86.7	86.7	87.4	87.4	87.8	87.8
74.7	79.2	81.2	82.8	84.2	84.5	88.4	88.9	88.9	88.9	89.2	89.2	90.2	91.0	91.2	91.3
75.2	79.7	81.8	83.4	85.1	85.3	89.6	90.1	90.1	90.2	91.1	91.5	92.2	92.2	92.6	92.6
75.2	79.7	81.8	83.5	85.7	86.0	90.8	91.5	91.6	92.2	93.2	93.5	94.3	94.3	94.6	94.6
75.6	80.1	82.2	83.9	86.2	86.4	91.8	92.9	93.0	94.3	95.4	95.7	96.3	96.6	96.9	96.9
75.6	80.1	82.2	83.9	86.2	86.4	92.2	93.8	93.9	95.1	96.2	96.6	97.3	97.4	97.8	97.8
75.6	80.1	82.2	83.9	86.2	86.4	92.2	93.8	93.9	95.6	96.7	97.1	98.2	98.3	98.9	98.9
75.6	80.1	82.2	83.9	86.2	86.4	92.2	93.8	93.9	96.0	97.1	97.4	98.7	99.0	100.0	100.0
75.6	80.1	82.2	83.9	86.2	86.4	92.2	93.8	93.9	96.0	97.1	97.4	98.7	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 819

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

7 2315 TATALINA AFS AK

73-81

207

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

3600-2600

CEILING VERSUS VISIBILITY

26.6	26.7	26.7	26.8	27.2	27.2	27.5	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.8
28.1	28.3	28.3	28.4	28.7	28.7	29.1	29.1	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.4
29.5	29.6	29.6	29.7	30.1	30.1	30.5	30.5	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.7
29.6	29.7	29.7	29.8	30.2	30.2	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.8
29.6	29.7	29.7	29.8	30.2	30.2	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.8
30.7	30.9	30.9	31.1	31.4	31.4	31.8	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	32.0
32.3	32.5	32.5	32.8	33.1	33.1	33.5	33.5	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.7
32.8	33.0	33.0	33.3	33.6	33.6	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.2
35.2	35.4	35.4	35.7	36.1	36.1	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.7
40.4	40.7	40.7	40.9	41.3	41.3	41.7	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	42.0
42.8	43.4	43.4	43.7	44.1	44.2	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.9
45.2	46.2	46.3	46.7	47.0	47.3	47.9	48.0	48.0	48.1	48.2	48.2	48.2	48.2	48.4	48.5
47.4	48.6	48.7	49.1	49.5	49.7	50.3	50.4	50.4	50.5	50.7	50.7	50.7	50.7	50.8	50.9
51.3	52.3	52.4	52.7	53.2	53.5	54.2	54.3	54.3	54.4	54.7	54.7	54.7	54.7	54.8	54.9
54.8	56.6	57.2	57.6	58.1	58.3	59.1	59.2	59.2	59.3	59.6	59.6	59.6	59.6	59.7	59.8
56.5	58.6	59.2	59.6	60.3	60.5	61.3	61.4	61.4	61.5	61.8	61.8	61.8	61.8	61.9	62.0
58.8	61.1	61.9	62.2	63.2	63.5	64.3	64.4	64.4	64.6	64.8	64.8	64.8	64.8	64.9	65.0
64.3	67.0	67.7	68.3	69.5	69.9	71.0	71.1	71.1	71.4	71.6	71.6	71.6	71.6	71.7	71.9
65.5	68.2	69.3	70.0	71.3	71.6	72.7	72.8	72.8	73.1	73.3	73.3	73.3	73.3	73.4	73.6
67.8	70.9	72.1	73.0	75.0	75.4	77.1	77.5	77.5	77.8	78.1	78.1	78.1	78.1	78.2	78.3
70.2	74.1	75.5	76.5	78.6	78.9	81.1	81.6	81.6	82.0	82.2	82.2	82.2	82.2	82.3	82.5
71.3	75.4	76.9	77.8	80.0	80.5	83.3	84.0	84.0	84.4	84.7	84.7	84.7	84.7	84.8	84.9
72.5	76.7	78.2	79.2	81.5	82.3	85.3	86.0	86.0	86.4	86.6	86.6	86.6	86.6	86.7	86.8
73.3	77.7	79.2	80.3	82.9	84.0	87.3	88.4	88.4	88.9	89.2	89.2	89.2	89.2	89.4	89.5
73.7	78.1	79.7	80.8	83.7	84.8	88.3	89.6	89.6	90.3	90.6	90.6	90.7	90.7	91.0	91.1
74.1	78.7	80.5	81.6	84.5	85.6	89.4	91.0	91.0	92.0	92.4	92.4	92.8	92.8	93.1	93.2
74.8	79.5	81.4	82.5	85.7	86.8	91.0	92.7	92.7	93.9	94.5	94.9	95.2	95.4	95.7	95.9
74.9	79.7	81.5	82.6	85.9	87.0	91.2	92.9	92.9	94.5	95.4	95.7	96.5	96.7	97.1	97.2
74.9	79.8	81.6	82.7	86.0	87.3	91.7	93.4	93.4	95.1	96.0	96.5	97.3	97.7	98.1	98.3
75.1	79.9	81.7	82.8	86.1	87.5	92.2	93.9	93.9	96.1	97.0	97.4	98.4	98.9	99.6	99.9
75.0	79.9	81.7	82.8	86.1	87.5	92.2	93.9	93.9	96.2	97.1	97.6	98.5	99.0	99.8	100.0
75.0	79.9	81.7	82.8	86.1	87.5	92.2	93.9	93.9	96.2	97.1	97.6	98.5	99.0	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 821

2

JUNIOR CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

007

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1900-1100

24.1	24.1	24.1	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.6	24.6	24.6	24.6	24.6	24.6	24.6
25.7	25.8	25.8	25.8	26.0	26.0	26.0	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.3
26.9	27.0	27.0	27.0	27.3	27.3	27.3	27.3	27.3	27.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5
27.4	27.5	27.5	27.5	27.7	27.7	27.7	27.7	27.7	27.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0
27.6	27.7	27.7	27.7	28.0	28.0	28.0	28.0	28.0	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2
28.2	28.3	28.3	28.3	28.6	28.6	28.6	28.6	28.6	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8
30.5	30.7	30.7	30.7	30.9	30.9	30.9	30.9	30.9	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1
32.5	32.6	32.6	32.6	32.8	32.8	32.8	32.8	32.8	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1
36.3	36.4	36.6	36.6	36.9	36.9	36.9	36.9	36.9	36.9	37.1	37.1	37.1	37.1	37.2	37.2	37.2
40.1	40.3	40.5	40.5	40.9	41.0	41.0	41.0	41.0	41.0	41.2	41.2	41.2	41.2	41.4	41.4	41.4
43.3	43.4	43.7	43.8	44.2	44.3	44.3	44.3	44.3	44.3	44.6	44.6	44.6	44.6	44.8	44.8	44.8
47.0	47.6	47.8	47.9	48.3	48.4	48.4	48.4	48.4	48.4	48.8	48.8	48.8	48.8	48.9	48.9	48.9
49.5	50.2	50.5	50.7	51.2	51.3	51.3	51.3	51.3	51.3	51.7	51.7	51.7	51.7	51.8	51.8	51.8
53.5	54.4	54.6	55.0	55.5	55.6	55.6	55.6	56.0	56.0	56.3	56.3	56.3	56.3	56.6	56.6	56.6
56.0	56.9	57.3	57.7	58.2	58.3	58.3	58.6	58.6	59.0	59.0	59.0	59.0	59.2	59.2	59.2	59.2
58.5	59.6	60.0	60.3	60.8	60.9	60.9	61.3	61.3	61.7	61.7	61.7	61.7	61.9	61.9	61.9	61.9
60.0	61.6	62.2	62.8	63.6	63.9	63.9	64.2	64.2	64.6	64.7	64.7	64.7	65.1	65.1	65.1	65.1
65.0	67.2	67.8	68.5	69.7	70.1	70.6	70.9	70.9	71.3	71.4	71.4	71.4	71.8	71.8	71.8	71.8
66.9	69.1	69.7	70.4	71.8	72.1	72.7	73.1	73.1	73.5	73.6	73.6	73.6	74.0	74.0	74.0	74.0
68.5	70.7	71.4	72.5	74.5	75.1	75.7	76.3	76.3	76.6	76.9	76.9	77.3	77.3	77.3	77.3	77.3
70.8	73.2	74.1	75.4	77.9	78.6	79.4	80.3	80.3	80.7	80.9	80.9	81.3	81.3	81.3	81.3	81.3
72.0	74.5	75.8	77.4	80.3	81.0	82.1	83.1	83.1	83.5	83.8	83.9	84.3	84.3	84.3	84.3	84.3
73.1	75.8	77.1	78.7	82.2	83.0	84.4	85.5	85.5	85.9	86.3	86.4	86.7	86.7	86.7	86.7	86.7
73.6	76.4	77.7	79.3	83.1	84.1	85.9	87.2	87.2	87.6	88.0	88.1	88.4	88.4	88.4	88.4	88.4
74.5	77.3	78.6	80.2	84.1	85.0	87.1	88.7	88.7	89.8	90.4	90.8	91.1	91.1	91.1	91.1	91.1
74.9	77.7	79.1	80.8	84.8	85.8	88.1	89.9	89.9	91.0	91.6	92.1	92.5	92.5	92.5	92.5	92.5
75.2	78.2	79.6	81.4	85.9	86.9	89.4	91.4	91.4	93.1	93.8	94.5	94.9	94.9	95.0	95.0	95.0
75.3	78.5	79.8	81.6	86.4	87.3	89.9	92.0	92.0	94.2	95.3	96.0	96.6	96.6	96.7	96.7	96.7
75.3	78.7	80.0	82.1	87.2	88.2	90.8	92.8	92.8	95.0	96.1	97.0	98.1	98.1	98.1	98.1	98.1
75.3	78.7	81.0	82.1	87.2	88.3	91.0	93.1	93.1	95.4	96.5	97.3	98.4	98.5	98.9	99.4	99.4
75.3	78.7	80.0	82.1	87.2	88.3	91.0	93.1	93.1	95.5	96.8	97.7	98.8	98.9	99.3	99.9	99.9
75.3	78.7	80.0	82.1	87.2	88.3	91.0	93.1	93.1	95.6	97.0	97.8	98.9	99.0	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

622

USAF ETAC 0-14-5-01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2215 TATALINA AFS AK

73-81

001

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

22.4	22.4	22.4	22.5	22.6	22.6	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8
25.2	25.2	25.2	25.3	25.5	25.5	25.6	25.6	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8
25.8	25.8	25.8	25.9	26.1	26.1	26.2	26.2	26.2	26.4	26.4	26.4	26.4	26.4	26.4	26.4
26.1	26.1	26.1	26.2	26.5	26.5	26.6	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7
26.7	26.7	26.7	26.9	27.1	27.1	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3
28.4	28.4	28.4	28.6	28.8	28.8	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0
30.1	30.1	30.1	30.3	30.5	30.5	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7
32.4	32.6	32.6	32.7	32.9	32.9	33.0	33.0	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2
36.6	36.7	36.8	36.9	37.2	37.2	37.3	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5
42.3	42.6	43.0	43.3	43.5	43.6	43.7	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0
45.1	45.4	45.8	46.1	46.3	46.4	46.5	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8
49.4	48.8	49.2	49.5	49.8	49.9	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
49.9	50.5	50.9	51.2	51.5	51.6	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0
53.1	53.8	54.2	54.6	55.0	55.2	55.3	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5
55.3	56.1	56.6	57.0	57.5	57.6	57.7	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0
57.5	58.3	58.9	59.3	59.8	59.9	60.0	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3
60.4	61.6	62.2	62.6	63.1	63.2	63.5	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8
65.1	67.1	67.9	68.3	69.0	69.3	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1
66.3	68.8	69.6	70.1	71.1	71.3	72.2	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7
68.8	71.6	72.7	73.5	74.6	74.8	76.2	76.4	76.4	76.8	76.8	76.9	76.9	76.9	76.9	76.9
71.8	75.1	76.4	77.5	79.0	79.2	80.6	80.9	80.9	81.3	81.3	81.5	81.5	81.5	81.5	81.5
72.4	75.7	77.0	78.4	80.2	80.4	82.1	82.6	82.6	83.6	83.7	84.1	84.2	84.2	84.2	84.2
73.6	76.9	78.3	79.6	81.9	82.3	84.8	85.5	85.5	86.5	86.6	87.0	87.1	87.1	87.1	87.1
74.6	78.5	80.0	81.3	84.0	84.4	87.1	88.0	88.0	88.9	89.1	89.4	89.6	89.6	89.6	89.6
75.2	79.2	80.7	82.3	85.2	85.8	88.6	89.6	89.7	91.0	91.1	91.6	91.7	91.7	91.7	91.7
75.6	79.8	81.3	83.1	86.1	86.9	89.8	91.0	91.1	93.1	93.3	93.9	94.3	94.3	94.4	94.4
75.7	80.0	81.4	83.4	86.4	87.1	90.0	91.5	91.6	93.9	94.2	94.8	95.3	95.3	95.5	95.5
75.8	80.6	82.0	84.4	87.6	88.3	91.3	92.7	93.0	95.5	95.9	96.6	97.3	97.3	97.6	97.6
76.2	81.0	82.5	85.1	88.2	88.9	92.0	93.8	94.0	96.7	97.1	97.9	98.9	99.0	99.3	99.3
76.2	81.0	82.5	85.1	88.2	88.9	92.1	93.9	94.2	96.8	97.4	98.3	99.4	99.5	99.8	99.8
76.2	81.0	82.6	85.2	88.3	89.1	92.2	94.0	94.3	97.0	97.6	98.4	99.6	99.8	100.0	100.0
76.2	81.0	82.6	85.2	88.3	89.1	92.2	94.0	94.3	97.0	97.6	98.4	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 823

2

/

257

1500-1700

E

131

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 23.5 TATALINA AFS AK

73-31

QCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1920-2000

22.2	22.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
24.8	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
25.5	26.0	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
25.7	26.2	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
25.9	26.4	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
27.5	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
31.1	31.7	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
32.6	33.2	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
35.0	35.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
40.8	41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
44.1	44.6	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
46.5	47.4	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
48.6	49.7	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
51.7	52.8	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
54.8	55.9	56.8	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
57.4	58.8	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
61.4	62.8	63.8	63.9	64.1	64.3	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
66.1	68.1	69.2	69.4	69.6	69.8	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
67.6	69.9	71.4	71.6	71.9	72.1	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
69.4	72.1	73.8	74.1	74.7	75.0	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
71.8	75.2	76.9	77.2	78.1	78.5	79.6	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
72.1	75.6	77.4	77.8	79.1	79.4	81.4	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
74.3	78.0	80.0	80.7	82.1	82.5	84.9	85.4	85.6	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0
74.5	78.5	80.7	81.6	83.1	83.4	86.2	86.7	86.9	87.1	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4
76.0	80.1	82.7	83.6	85.1	85.4	88.3	88.9	89.1	89.8	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3
76.1	81.2	83.8	84.7	86.2	86.7	90.0	91.1	91.3	93.3	93.6	93.6	93.6	94.0	94.0	94.0	94.0	94.0
76.5	81.6	84.2	85.1	86.5	87.1	90.5	92.2	92.3	94.4	94.7	94.7	94.7	95.1	95.1	95.1	95.1	95.1
76.5	81.6	84.2	85.1	86.5	87.1	90.5	92.2	92.3	94.4	94.9	95.1	95.4	95.6	95.6	95.6	95.6	95.6
76.5	82.0	84.7	85.6	87.1	87.6	91.1	92.9	93.1	95.1	95.6	96.0	96.7	96.9	96.9	96.9	96.9	96.9
76.7	82.5	85.2	86.2	87.6	88.2	91.8	93.6	94.0	96.5	97.4	97.8	98.5	98.7	98.7	98.7	98.7	98.7
76.7	82.5	85.2	86.2	87.6	88.2	91.8	93.6	94.0	96.5	97.6	98.0	99.3	100.0	100.0	100.0	100.0	100.0
76.7	82.5	85.2	86.2	87.6	88.2	91.8	93.6	94.0	96.5	97.6	98.0	99.3	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 549

USAF STATION 73-31 A. WEATHER SERVICE/MAC

1
2GLOBAL CLIMATOLOGY BRANCH
JTFEETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 23.5 TATALINA AFS AK

73,75-84

207

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

29.5	29.5	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
32.3	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
32.7	32.7	32.7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
32.7	32.7	32.7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
32.7	32.7	32.7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
33.8	33.8	33.8	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
38.4	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
40.5	40.9	40.9	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
44.3	44.7	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
46.6	47.1	47.1	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
48.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
50.2	51.0	51.0	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
54.6	55.5	55.5	55.7	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
57.8	59.1	59.1	59.3	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
62.7	64.1	64.1	64.3	64.4	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
65.2	66.7	66.7	67.1	67.5	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
70.7	72.8	73.2	74.0	74.9	74.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
71.9	74.7	75.3	76.0	77.2	77.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
74.3	77.6	78.1	78.9	80.0	80.0	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
75.7	79.3	80.0	80.8	82.1	82.1	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
76.2	80.0	80.8	81.6	83.3	83.3	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.0
76.6	80.6	81.6	82.7	84.8	84.8	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0	88.0
76.6	80.8	81.7	82.9	85.4	85.4	88.2	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4
77.4	81.9	82.9	84.0	86.7	86.7	89.5	90.1	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.7	90.7
77.6	82.3	83.3	84.4	87.3	87.5	90.5	91.3	91.3	92.6	92.6	92.6	92.6	92.6	92.6	93.0	93.0
77.9	82.9	83.8	85.0	87.8	88.0	91.8	93.7	93.7	95.8	95.8	96.2	96.4	96.4	96.4	96.6	96.6
77.9	82.9	83.8	85.0	87.8	88.0	92.0	94.7	94.7	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2
77.9	82.9	83.8	85.0	87.8	88.0	92.0	94.7	94.7	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2
77.9	82.9	83.8	85.0	87.8	88.0	92.0	94.7	94.7	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2
77.9	82.9	83.8	85.0	87.8	88.0	92.0	94.7	94.7	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 526

1
2GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 3315 TATALINA AFS AK

73-81

CGT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

27.3	27.5	27.5	27.6	27.9	27.9	28.0	28.1	28.1	28.2	28.3	28.3	28.3	28.3	28.3	28.3
29.5	29.7	29.8	29.8	30.1	30.1	30.2	30.3	30.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5
30.2	30.4	30.5	30.5	30.8	30.8	30.9	31.0	31.0	31.1	31.2	31.2	31.2	31.2	31.2	31.2
30.4	30.6	30.6	30.7	31.0	31.0	31.1	31.2	31.2	31.3	31.4	31.4	31.4	31.4	31.4	31.4
30.6	30.8	30.9	30.9	31.2	31.2	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.7
31.7	31.9	32.0	32.0	32.3	32.3	32.4	32.5	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7
33.8	34.0	34.1	34.1	34.4	34.4	34.5	34.6	34.6	34.7	34.8	34.8	34.8	34.8	34.8	34.8
35.4	35.6	35.7	35.8	36.0	36.0	36.2	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.5
38.3	38.6	38.7	38.8	39.1	39.1	39.2	39.3	39.4	39.5	39.5	39.5	39.5	39.6	39.6	39.6
42.9	43.3	43.5	43.6	43.9	43.9	44.1	44.2	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.5
45.9	46.3	46.5	46.7	47.0	47.0	47.2	47.4	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.7
48.5	49.1	49.4	49.6	49.9	50.0	50.2	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.7	50.7
50.5	51.2	51.4	51.6	52.0	52.1	52.3	52.4	52.5	52.6	52.7	52.7	52.8	52.8	52.8	52.8
53.8	54.7	54.9	55.2	55.6	55.6	55.9	56.1	56.1	56.3	56.4	56.4	56.5	56.5	56.5	56.5
56.7	57.7	58.1	58.4	58.8	58.9	59.2	59.4	59.4	59.5	59.6	59.6	59.7	59.7	59.8	59.8
59.6	60.8	61.3	61.6	62.1	62.2	62.5	62.7	62.7	62.9	63.0	63.0	63.1	63.1	63.1	63.1
62.4	63.9	64.5	64.8	65.5	65.6	66.0	66.2	66.3	66.5	66.7	66.7	66.8	66.8	66.8	66.9
67.1	69.2	69.9	70.3	71.2	71.3	72.1	72.2	72.3	72.5	72.7	72.7	72.8	72.8	72.9	72.9
68.4	70.8	71.7	72.2	73.1	73.3	74.1	74.3	74.4	74.6	74.7	74.7	74.9	74.9	74.9	74.9
70.5	73.3	74.3	75.1	76.2	76.5	77.6	78.0	78.1	78.3	78.5	78.5	78.7	78.7	78.8	78.8
72.7	75.9	77.1	78.0	79.4	79.7	81.3	81.8	81.8	82.1	82.3	82.3	82.5	82.5	82.6	82.6
73.5	76.9	78.2	79.2	80.8	81.2	83.2	83.8	83.9	84.3	84.5	84.6	84.8	84.8	84.9	85.0
74.5	78.1	79.4	80.5	82.5	82.9	85.4	86.1	86.2	86.6	86.8	86.9	87.1	87.1	87.3	87.3
75.2	79.0	80.4	81.5	83.8	84.4	87.4	88.2	88.3	88.7	89.0	89.2	89.4	89.4	89.6	89.6
75.8	79.7	81.2	82.4	85.0	85.6	88.7	89.6	89.7	90.5	90.9	91.1	91.4	91.4	91.5	91.5
76.1	80.2	81.8	83.1	85.8	86.4	89.8	91.0	91.1	92.3	92.8	93.1	93.4	93.5	93.6	93.6
76.4	80.6	82.2	83.5	86.4	87.1	90.8	92.4	92.5	94.2	94.7	95.1	95.5	95.6	95.8	95.8
76.5	80.8	82.4	83.7	86.7	87.4	91.3	93.0	93.2	95.0	95.7	96.1	96.7	96.9	97.1	97.1
76.6	81.0	82.6	84.0	87.0	87.8	91.7	93.6	93.7	95.7	96.4	97.0	97.8	98.1	98.5	98.6
76.7	81.2	82.7	84.2	87.2	88.0	92.0	93.9	94.0	96.3	97.1	97.7	98.6	99.0	99.6	99.7
76.7	81.2	82.7	84.2	87.2	88.0	92.0	93.9	94.1	96.4	97.2	97.8	98.8	99.2	99.9	100.0
76.7	81.2	82.7	84.2	87.2	88.0	92.0	93.9	94.1	96.4	97.2	97.8	98.8	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5488



USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2
1
1
FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-27-81 TATALINA AFS AK

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

45.6	46.4	46.6	46.8	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4
46.6	47.4	47.6	47.8	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6
48.3	49.0	49.3	49.4	50.0	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5
48.3	49.0	49.3	49.4	50.0	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5
49.0	49.8	50.0	50.1	50.7	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2
50.9	51.6	51.9	52.0	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
51.7	52.5	52.7	52.9	53.5	53.5	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1
52.6	53.4	53.6	53.7	54.6	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.4	55.4	55.4	55.4
53.6	54.4	54.6	54.7	55.6	55.6	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7
57.4	58.1	58.4	58.5	59.4	59.4	60.2	60.2	60.2	60.2	60.2	60.2	60.5	60.5	60.5	60.5
58.1	58.9	59.1	59.2	60.1	60.1	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2
59.0	59.9	60.1	60.2	61.1	61.1	62.2	62.2	62.2	62.2	62.2	62.2	62.5	62.5	62.5	62.5
59.9	60.7	61.0	61.1	62.0	62.0	63.1	63.1	63.1	63.1	63.1	63.1	63.3	63.3	63.3	63.3
61.0	62.1	62.5	62.6	63.5	63.5	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.0	65.0	65.0
62.7	64.2	64.6	64.7	65.6	65.6	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2
64.3	66.2	66.6	66.7	68.5	68.6	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4
66.1	68.5	69.0	69.1	70.9	71.2	72.9	72.9	72.9	72.9	72.9	72.9	73.2	73.2	73.2	73.2
68.5	71.2	71.8	72.4	74.7	75.1	76.9	76.9	76.9	76.9	76.9	76.9	77.2	77.2	77.2	77.2
69.2	71.9	72.6	73.2	75.4	75.8	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9	77.9	77.9
70.1	73.6	74.3	74.9	77.2	77.6	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6
71.7	75.7	76.4	77.1	79.7	80.2	82.2	82.5	82.5	82.7	82.7	82.7	82.9	82.9	82.9	82.9
73.3	77.4	78.4	79.2	81.8	82.3	85.2	86.0	86.0	86.2	86.2	86.2	86.5	86.5	86.5	86.5
73.7	78.2	79.2	79.9	83.0	83.8	87.3	88.4	88.4	88.5	88.5	88.5	88.9	88.9	88.9	88.9
74.3	78.8	79.8	80.5	83.7	84.5	88.7	90.1	90.1	90.4	90.4	90.5	91.0	91.0	91.0	91.0
75.2	80.2	81.2	81.9	85.0	85.9	90.0	91.5	91.5	91.8	91.8	91.9	92.4	92.4	92.4	92.4
75.3	80.4	81.4	82.3	85.4	86.3	90.4	91.9	91.9	92.1	92.1	92.5	92.9	93.4	93.5	93.5
75.6	80.8	82.0	82.9	86.2	87.0	91.5	93.1	93.1	93.6	94.3	94.6	95.1	95.3	95.3	95.3
75.6	80.8	82.0	82.9	86.4	87.3	92.3	94.4	94.5	95.1	96.0	96.4	97.3	97.4	97.4	97.4
75.6	80.8	82.0	82.9	86.5	87.5	92.5	95.1	95.3	96.5	97.4	97.9	98.8	98.9	98.9	98.9
75.6	80.8	82.0	82.9	86.5	87.7	92.9	95.5	95.6	97.1	98.3	98.9	99.8	99.9	99.9	99.9
75.6	80.8	82.0	82.9	86.5	87.7	92.9	95.5	95.6	97.1	98.4	99.0	99.9	100.0	100.0	100.0
75.6	80.8	82.0	82.9	86.5	87.7	92.9	95.5	95.6	97.1	98.4	99.0	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 802

1
2

CLIMATE CLIMATOLOGY BRANCH
CRAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 23.5 TATALINA AFS AK

73-01

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1300-2500

47.7	48.1	48.3	48.4	49.1	49.1	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
49.3	49.3	49.4	49.5	50.2	50.2	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
49.6	50.1	50.2	50.4	51.5	51.5	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
49.6	50.1	50.2	50.4	51.5	51.5	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
49.6	50.2	50.4	50.5	51.6	51.6	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
51.0	51.5	51.6	51.7	52.8	52.8	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
52.3	52.8	53.0	53.1	54.2	54.2	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
52.8	53.5	53.6	53.7	54.8	54.8	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
54.6	55.4	55.6	55.7	56.8	56.8	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
57.3	58.1	58.3	58.4	59.6	59.6	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
57.9	58.8	58.9	59.0	60.2	60.2	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
59.0	60.2	60.4	60.5	61.7	61.7	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
59.9	61.1	61.2	61.4	62.6	62.6	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
61.7	63.2	63.3	63.5	64.7	64.7	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
63.3	65.4	65.6	65.7	67.0	67.0	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
65.6	67.8	67.9	68.1	69.6	69.8	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
66.4	68.8	69.7	69.4	71.0	71.1	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
66.4	71.1	71.7	72.2	74.2	74.4	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
68.8	71.6	72.3	73.1	75.1	75.3	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
69.5	72.8	73.6	74.3	76.5	77.2	79.1	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
70.7	74.6	75.6	76.5	79.3	80.0	82.0	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
72.1	76.2	77.2	78.4	81.7	82.5	85.1	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
72.2	76.3	77.3	78.5	82.0	83.0	86.0	86.9	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
73.3	77.7	78.6	79.9	83.7	85.4	88.8	90.7	90.7	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
73.8	78.5	79.5	80.7	84.6	86.4	89.9	92.1	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
73.8	79.0	80.0	81.2	85.1	87.0	90.6	93.3	93.5	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4
74.2	79.6	80.6	81.9	85.7	87.8	91.4	94.4	94.6	95.4	95.9	96.3	96.4	96.4	96.4	96.4	96.4
74.2	79.6	80.6	81.9	85.7	87.8	91.4	94.4	95.2	96.2	97.2	97.5	97.8	97.8	97.8	97.8	97.8
74.2	79.6	80.6	81.9	86.0	88.4	92.0	95.6	95.8	96.9	97.9	98.6	98.9	98.9	98.9	98.9	98.9
74.2	79.8	80.7	82.0	86.2	88.5	92.1	95.7	95.9	97.2	98.4	99.1	99.6	99.6	99.6	99.6	99.6
74.2	79.8	80.7	82.0	86.2	88.5	92.1	95.7	95.9	97.5	98.8	99.5	100.0	100.0	100.0	100.0	100.0
74.2	79.8	80.7	82.0	86.2	88.5	92.1	95.7	95.9	97.5	98.8	99.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 815



USAF ETAC 0-14-5 DL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AFR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-2600

45.4	46.0	46.0	46.0	46.8	46.8	46.8	47.0	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
46.0	46.7	46.7	46.7	47.4	47.4	47.4	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9
47.0	47.7	47.7	47.7	48.4	48.4	48.4	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9
47.0	47.7	47.7	47.7	48.4	48.4	48.4	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9
47.3	47.7	47.7	47.7	48.4	48.4	48.4	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9
47.9	48.4	48.4	48.4	49.3	49.3	49.3	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8
50.2	50.9	50.9	50.9	51.7	51.7	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2
50.9	51.2	51.2	51.2	52.1	52.1	52.1	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6
52.8	53.5	53.5	53.5	54.3	54.3	54.3	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
55.8	56.4	56.4	56.4	57.4	57.4	57.4	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
57.0	57.7	57.7	57.7	58.6	58.6	58.6	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1
58.3	59.4	59.5	59.5	60.9	60.9	60.9	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4
59.5	60.6	60.7	60.7	62.1	62.1	62.1	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6
61.1	62.3	62.5	62.5	64.1	64.2	64.2	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7
62.7	64.0	64.1	64.1	65.7	65.8	65.8	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3
65.1	66.8	67.0	67.3	69.3	69.8	70.1	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9
66.0	68.3	68.5	68.8	70.7	71.4	72.0	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7
68.0	70.7	71.4	71.6	73.7	74.4	75.2	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9
68.5	71.5	72.3	72.8	74.9	75.7	76.4	76.8	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2
68.8	72.5	73.8	74.8	77.3	78.1	79.4	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2
70.2	74.3	76.1	77.4	80.1	81.1	82.8	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1
71.1	75.6	77.1	78.0	82.3	83.3	85.6	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9
72.2	76.8	78.1	79.4	83.7	84.7	87.2	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9
72.3	77.2	78.1	81.1	84.7	85.9	88.6	90.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9
72.5	77.5	79.5	81.6	85.2	86.5	89.3	91.1	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7
72.6	77.7	79.6	81.7	85.4	87.0	90.1	92.1	92.2	92.8	93.5	93.5	93.5	93.5	93.5	93.5
73.2	78.3	80.2	82.3	86.9	88.5	91.6	93.8	94.7	95.2	96.0	96.2	96.3	96.3	96.3	96.3
73.2	78.3	80.2	82.3	87.0	88.6	91.7	94.3	94.7	96.2	97.3	97.4	97.5	97.5	97.5	97.5
73.2	78.3	80.2	82.3	87.5	89.1	92.2	94.8	95.2	96.7	97.8	97.9	98.0	98.3	98.6	98.6
73.2	78.3	80.2	82.3	87.5	89.1	92.2	94.9	95.3	96.8	97.9	98.1	98.5	98.8	99.3	99.5
73.2	78.3	80.2	82.3	87.5	89.1	92.2	94.9	95.3	97.2	98.3	98.5	98.9	99.1	99.6	100.0
73.2	78.3	80.2	82.3	87.5	89.1	92.2	94.9	95.3	97.2	98.3	98.5	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 610

1
2

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-345

TATILINA AFS AK

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

39.0	39.3	39.4	39.5	39.5	39.6	39.6	39.6	39.8	39.8	40.2	40.4	40.4	40.4	40.4	40.4
39.6	39.9	40.0	40.1	40.1	40.2	40.2	40.2	40.4	40.4	40.9	41.0	41.0	41.0	41.0	41.0
40.6	40.9	41.1	41.4	41.4	41.5	41.5	41.5	41.6	41.6	42.1	42.2	42.2	42.2	42.2	42.2
41.2	41.5	41.7	42.0	42.0	42.1	42.1	42.1	42.2	42.2	42.7	42.8	42.8	42.8	42.8	42.8
42.1	42.2	42.5	42.7	42.7	42.8	42.8	42.8	43.0	43.0	43.5	43.6	43.6	43.6	43.6	43.6
43.6	43.8	44.1	44.3	44.3	44.4	44.4	44.4	44.6	44.6	45.1	45.2	45.2	45.2	45.2	45.2
46.2	46.4	46.7	46.9	46.9	47.0	47.0	47.0	47.2	47.2	47.7	47.8	47.8	47.8	47.8	47.8
46.4	46.3	47.0	47.3	47.3	47.4	47.4	47.4	47.5	47.5	48.0	48.1	48.1	48.1	48.1	48.1
50.7	51.4	51.6	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.6	52.7	52.7	52.7	52.7	52.7
54.8	55.4	55.7	56.0	56.2	56.3	56.3	56.3	56.4	56.4	56.9	57.0	57.0	57.0	57.0	57.0
55.9	56.5	56.8	57.2	57.3	57.4	57.4	57.5	57.7	57.7	58.1	58.3	58.3	58.3	58.3	58.3
57.3	58.0	58.3	58.6	58.9	59.0	59.0	59.1	59.3	59.3	59.8	59.9	59.9	59.9	59.9	59.9
59.5	60.2	60.5	60.9	61.1	61.2	61.2	61.4	61.5	61.5	62.0	62.1	62.1	62.1	62.1	62.1
60.5	61.2	61.6	62.0	62.2	62.3	62.3	62.5	62.6	62.6	63.1	63.2	63.2	63.2	63.2	63.2
62.8	63.8	64.4	64.8	65.1	65.2	65.2	65.3	65.4	65.4	65.9	66.0	66.0	66.0	66.0	66.0
64.7	66.3	67.3	67.7	68.1	68.5	68.8	68.9	69.7	69.0	69.5	69.6	69.6	69.6	69.6	69.6
67.2	69.1	70.2	70.6	71.5	72.0	72.2	72.5	72.6	72.6	73.1	73.2	73.2	73.2	73.2	73.2
67.9	70.1	71.5	71.9	73.1	73.6	74.1	74.3	74.4	74.4	74.9	75.1	75.1	75.1	75.1	75.1
68.5	71.0	72.5	72.8	74.1	74.8	75.3	75.6	75.7	75.7	76.2	76.3	76.3	76.3	76.3	76.3
71.0	73.6	75.3	75.7	76.9	77.7	78.3	78.5	78.6	78.6	79.1	79.3	79.3	79.3	79.3	79.3
72.6	75.4	77.7	78.3	79.6	80.9	81.6	81.9	82.0	82.0	82.6	82.7	82.7	82.7	82.7	82.7
73.3	76.5	79.0	79.9	81.5	83.0	84.2	84.6	84.7	84.7	85.3	85.4	85.4	85.4	85.4	85.4
75.4	78.8	81.4	82.3	84.0	85.8	87.2	87.7	88.0	88.0	88.6	88.6	88.8	88.8	88.8	88.8
75.9	79.4	82.3	83.5	85.2	87.4	89.0	89.5	89.9	89.9	90.5	90.6	90.6	90.6	90.6	90.6
76.0	79.6	82.6	84.1	85.8	88.0	89.6	90.2	90.7	90.9	91.6	91.7	91.7	91.7	91.7	91.7
76.7	79.8	82.8	84.4	86.2	88.4	90.2	91.2	91.7	92.1	92.8	93.2	93.3	93.3	93.3	93.3
76.7	80.1	83.2	84.8	86.9	89.1	91.4	92.5	93.0	93.5	94.6	95.3	95.8	95.8	95.8	95.8
76.2	80.9	84.1	85.7	87.8	90.0	92.2	93.3	94.0	94.4	96.0	96.8	97.4	97.7	97.7	97.9
76.2	80.9	84.2	85.9	88.0	90.2	92.5	93.6	94.2	94.7	96.3	97.0	97.7	98.0	98.5	98.8
76.2	80.9	84.3	86.0	88.4	90.6	92.8	94.1	94.7	95.4	97.0	97.9	98.5	98.9	99.4	99.6
76.2	80.9	84.3	86.0	88.4	90.6	92.8	94.1	94.7	95.6	97.2	98.0	98.9	99.3	99.8	100.0
76.2	80.9	84.3	86.0	88.4	90.6	92.8	94.1	94.7	95.6	97.2	98.0	98.9	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF/CLTAC 4-45 OLA PREPARED BY AIR WEATHER SERVICE/MAC

1
2

CENTRAL CLIMATOLOGY BRANCH
WFF-ETAG
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION TATALLINA AFB AK

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

39.3	40.5	40.6	40.6	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
41.2	42.1	42.2	42.2	42.3	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
42.5	43.7	43.8	43.8	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
43.2	44.1	44.2	44.2	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
44.3	44.8	44.9	44.9	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
45.2	46.8	46.9	46.9	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
48.4	49.3	49.5	49.5	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
49.3	50.1	50.4	50.4	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
53.2	54.1	54.4	54.4	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
57.2	58.0	58.4	58.4	59.0	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
58.7	58.9	59.3	59.3	59.9	60.1	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
59.9	60.0	60.4	60.4	61.0	61.2	61.6	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
59.9	60.9	61.2	61.2	61.9	62.1	62.5	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
61.4	62.5	62.8	62.8	63.5	63.7	64.1	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
64.1	66.2	66.7	66.7	67.3	67.5	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
65.1	67.2	67.9	68.0	69.1	69.4	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
66.7	69.4	70.2	70.4	71.7	72.0	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
67.8	71.2	72.3	72.7	74.6	74.8	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
68.4	72.0	73.2	73.6	75.7	75.9	76.5	76.5	76.5	76.5	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
69.2	73.5	75.1	75.7	77.9	78.1	78.8	78.8	78.8	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
72.2	76.0	77.7	78.4	81.0	81.4	82.8	82.8	82.8	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
73.1	77.0	78.8	79.5	82.7	83.1	84.7	85.4	85.7	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
74.7	79.6	80.5	81.5	85.3	85.7	87.8	88.5	88.9	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
74.8	79.8	81.9	83.1	87.2	87.8	89.6	90.5	90.9	91.1	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
74.8	79.9	82.0	83.3	87.4	88.0	89.9	90.7	91.1	91.4	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1
74.8	79.9	82.0	83.3	87.5	88.1	90.1	91.2	91.6	92.2	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0
74.8	80.0	82.1	83.5	88.3	88.9	91.0	92.2	92.6	93.6	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8
75.1	80.2	82.6	84.0	88.8	89.4	91.6	93.0	93.3	94.3	95.2	95.9	96.0	96.0	96.0	96.0	96.0	96.0
75.2	80.4	82.8	84.3	89.3	89.9	92.2	93.6	94.0	94.9	95.8	96.7	96.8	96.8	96.8	96.8	96.8	96.8
75.3	80.5	83.0	84.6	89.8	90.4	92.7	94.1	94.4	96.3	97.2	98.1	98.5	98.5	98.5	98.5	98.5	98.5
75.3	80.5	83.0	84.6	89.8	90.4	92.8	94.2	94.6	96.7	97.5	98.5	99.4	99.4	99.4	99.4	99.4	99.4
75.3	80.6	83.1	84.7	89.9	90.5	93.0	94.3	94.7	96.8	97.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 317

GLOBAL CLIMATOLOGY BRANCH
 C/AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-11-65 TATALINA AFS AK

75-481

NOV

PERCENTAGE FREQUENCY OF
 FROM HOUR 1 TO 24

1500-1700

36.5	36.7	37.1	37.0	37.0	37.1	37.1	37.1	37.1	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6
38.1	38.3	39.6	39.6	39.6	38.7	39.7	39.7	38.7	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
39.8	40.2	40.4	40.4	40.4	40.6	40.7	40.7	40.7	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2
40.2	40.6	40.8	40.8	40.8	40.9	41.1	41.1	41.1	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6
41.4	41.8	42.1	42.1	42.1	42.2	42.3	42.3	42.3	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8
42.7	43.3	43.5	43.5	43.5	43.7	43.8	43.8	43.8	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3
45.2	45.5	45.9	45.9	45.9	46.1	46.2	46.2	46.2	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7
46.1	46.4	46.8	46.8	46.8	46.9	47.0	47.0	47.1	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
48.1	48.5	49.1	49.1	49.1	49.3	49.4	49.4	49.5	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
52.5	53.0	53.6	53.6	53.6	53.7	53.8	53.8	54.1	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
54.3	54.8	55.5	55.5	55.5	55.6	55.7	55.7	55.8	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
56.1	56.9	57.8	57.8	57.8	57.9	58.1	58.1	58.2	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9
56.8	57.9	58.8	58.8	58.8	58.9	59.1	59.1	59.2	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
57.8	59.2	60.2	60.2	60.2	60.3	60.4	60.4	60.5	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
60.2	61.7	62.7	62.7	62.8	62.9	63.0	63.2	63.3	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
61.5	63.5	64.6	64.6	64.9	65.1	65.4	65.9	66.0	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7
64.1	66.5	68.4	68.7	69.1	69.4	69.9	70.0	70.1	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
66.1	69.0	71.1	71.3	72.3	72.6	73.1	73.4	73.6	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
66.6	69.6	71.7	72.1	73.1	73.3	73.9	74.3	74.4	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
69.6	73.0	75.6	75.9	77.0	77.3	77.9	78.3	78.4	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2
71.0	74.8	77.7	78.7	80.0	80.4	81.0	81.4	81.5	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
72.2	76.2	79.0	80.0	81.6	82.0	83.3	84.2	84.4	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2
72.3	77.0	80.1	81.1	82.9	83.4	84.9	86.1	86.7	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5
73.2	77.7	81.0	82.1	84.0	84.6	86.2	87.8	88.1	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3
73.6	78.0	81.4	82.5	84.4	85.1	86.7	88.3	88.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0
73.7	78.3	81.6	82.8	84.9	85.6	87.3	89.3	89.6	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
73.9	78.8	82.1	83.5	86.2	87.0	88.8	90.8	91.2	92.7	93.5	93.8	94.2	94.2	94.2	94.2	94.2
73.9	79.0	82.6	84.0	86.8	87.6	89.5	91.8	92.2	93.7	94.7	94.9	95.3	95.3	95.3	95.3	95.3
74.1	79.2	82.8	84.1	87.2	88.0	89.8	92.2	92.6	94.4	95.5	95.9	96.7	96.7	96.7	96.7	96.7
74.1	79.2	83.1	84.6	87.7	88.5	90.3	92.7	93.1	95.4	96.5	97.1	98.9	98.9	98.9	98.9	98.9
74.1	79.2	83.1	84.6	87.7	88.5	90.3	92.7	93.1	95.7	96.9	97.5	99.3	99.3	99.3	99.3	99.3
74.1	79.2	83.1	84.6	87.7	88.5	90.3	92.7	93.1	95.7	96.9	97.5	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 625

CLIMATE CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TATALLNA AFS AK

73-61

208

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1932-3422

36.8	37.8	37.9	38.1	38.1	38.1	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
37.1	38.3	38.3	38.6	38.5	38.6	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
37.9	39.1	39.1	39.5	39.7	39.7	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
38.1	39.3	39.3	39.7	39.7	39.8	39.9	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
39.5	40.7	40.7	41.0	41.2	41.2	41.5	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
41.2	42.4	42.4	42.7	42.7	42.9	43.2	43.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
44.4	45.6	45.6	46.0	46.2	46.2	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
44.8	46.0	46.0	46.3	46.5	46.5	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
47.4	48.5	48.5	48.9	49.1	49.1	49.4	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
50.5	51.8	51.8	52.1	52.3	52.3	52.6	53.0	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
52.5	53.8	53.8	54.2	54.4	54.4	54.7	55.0	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
54.2	55.6	55.7	56.1	56.4	56.4	56.8	57.1	57.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
55.4	56.8	56.9	57.3	57.6	57.8	58.1	58.5	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
56.8	58.8	59.0	59.3	59.7	59.8	60.2	60.5	60.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
58.3	60.5	61.7	61.2	61.7	61.9	62.2	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
60.5	62.7	63.1	63.6	64.4	64.6	65.1	65.5	65.5	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
64.3	67.4	67.7	68.2	69.2	69.4	70.3	70.6	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
67.4	70.6	71.3	71.8	73.0	73.2	74.0	74.4	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
66.5	71.8	72.5	73.0	74.2	74.4	75.2	75.6	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
69.7	74.4	75.2	75.7	77.3	77.4	79.1	79.5	79.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
72.0	76.8	77.6	78.3	80.0	80.2	81.9	82.2	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
73.3	78.3	79.3	80.0	82.2	82.4	84.8	85.3	85.3	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
74.2	79.1	80.2	80.9	83.1	83.6	86.8	87.5	87.5	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
74.4	79.5	80.5	81.2	83.4	83.9	87.4	88.0	88.0	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
74.9	80.3	81.4	82.1	84.4	85.0	88.7	89.4	89.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
74.9	80.3	81.4	82.1	84.4	85.0	88.7	89.4	89.4	90.3	90.3	91.6	91.8	91.8	91.8	91.8	91.8
75.4																

TOTAL NUMBER OF OBSERVATIONS 585

USAF FFAF 0-14.5 DL A PREVIOUS EDITIONS ARE OBSOLETE

1
2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-14-5 TATALINA AFS AK

75-61

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

34.2	34.9	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.3	35.3	35.3	35.3
34.9	35.7	35.7	35.7	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5
35.9	37.1	37.1	37.1	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.8	37.8	37.8	37.8
36.3	37.5	37.5	37.5	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.2	38.2	38.2	38.2
37.5	38.6	38.6	38.6	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4
39.4	40.5	40.5	40.5	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.3	41.3	41.3	41.3
41.9	43.1	43.1	43.1	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8	43.8	43.8	43.8
42.7	44.0	44.0	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.8	44.8	44.8	44.8
45.6	46.7	46.7	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.5	47.5	47.5	47.5
51.9	53.1	53.1	53.1	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.1	54.1	54.1	54.1
52.9	54.2	54.2	54.2	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.2	55.2	55.2	55.2
53.9	55.2	55.2	55.2	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.2	56.2	56.2	56.2
54.1	55.4	55.4	55.4	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.4	56.4	56.4	56.4
56.7	58.5	58.5	58.5	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	60.0	60.0	60.0	60.0
58.7	61.2	61.2	61.2	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	63.1	63.1	63.1	63.1
60.4	63.5	63.5	63.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.8	65.8	65.8	65.8
63.7	68.0	68.0	68.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.8	70.8	70.8	70.8
67.6	72.0	72.0	72.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	74.9	74.9	74.9	74.9
68.9	73.7	73.7	73.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	76.1	76.1	76.1	76.1
69.3	74.3	74.3	74.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	77.8	77.8	77.8	77.8
71.4	77.2	77.2	77.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	80.1	80.1	80.1	80.1
72.0	78.6	78.6	78.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	81.3	81.3	81.3	81.3
73.0	79.7	79.7	79.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	82.0	82.0	82.0	82.0
73.2	79.9	79.9	79.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	82.8	82.8	82.8	82.8
73.6	80.7	80.7	80.7	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	83.0	83.0	83.0	83.0
73.6	80.9	80.9	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	83.2	83.2	83.2	83.2
73.6	81.3	81.3	81.3	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	83.6	83.6	83.6	83.6
73.6	81.7	81.7	81.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	84.0	84.0	84.0	84.0
73.6	81.9	81.9	81.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	84.4	84.4	84.4	84.4
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	85.0	85.0	85.0	85.0
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	85.4	85.4	85.4	85.4
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	85.8	85.8	85.8	85.8
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	86.2	86.2	86.2	86.2
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	86.6	86.6	86.6	86.6
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	87.0	87.0	87.0	87.0
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	87.4	87.4	87.4	87.4
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	87.8	87.8	87.8	87.8
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	88.2	88.2	88.2	88.2
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	88.6	88.6	88.6	88.6
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	89.0	89.0	89.0	89.0
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	89.4	89.4	89.4	89.4
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	89.8	89.8	89.8	89.8
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	90.2	90.2	90.2	90.2
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	90.6	90.6	90.6	90.6
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	91.0	91.0	91.0	91.0
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	91.4	91.4	91.4	91.4
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	91.8	91.8	91.8	91.8
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	92.2	92.2	92.2	92.2
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	92.6	92.6	92.6	92.6
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	93.0	93.0	93.0	93.0
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	93.4	93.4	93.4	93.4
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	93.8	93.8	93.8	93.8
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	94.2	94.2	94.2	94.2
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	94.6	94.6	94.6	94.6
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	95.0	95.0	95.0	95.0
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	95.4	95.4	95.4	95.4
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	95.8	95.8	95.8	95.8
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	96.2	96.2	96.2	96.2
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	96.6	96.6	96.6	96.6
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	97.0	97.0	97.0	97.0
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	97.4	97.4	97.4	97.4
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	97.8	97.8	97.8	97.8
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	98.2	98.2	98.2	98.2
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	98.6	98.6	98.6	98.6
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	99.0	99.0	99.0	99.0
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	99.4	99.4	99.4	99.4
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	99.8	99.8	99.8	99.8
73.6	81.9	81.9	81.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 519

USAF ETAC 7-14-5 CL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
30- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315

TATALINA AFS AK

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

41.1	41.7	41.8	41.9	42.1	42.2	42.3	42.3	42.3	42.4	42.5	42.5	42.6	42.6	42.6	42.6
42.0	42.7	42.8	42.9	43.2	43.3	43.4	43.4	43.4	43.5	43.6	43.6	43.7	43.7	43.7	43.7
43.3	43.9	44.1	44.2	44.6	44.6	44.8	44.8	44.8	45.0	45.1	45.1	45.1	45.1	45.1	45.1
43.5	44.2	44.3	44.4	44.8	44.9	45.0	45.1	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.3
44.2	44.9	45.0	45.1	45.6	45.6	45.8	45.8	45.8	45.9	46.0	46.0	46.1	46.1	46.1	46.1
45.8	46.4	46.6	46.7	47.1	47.2	47.3	47.4	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6
47.9	48.6	48.8	48.9	49.3	49.4	49.6	49.6	49.6	49.7	49.8	49.8	49.9	49.9	49.9	49.9
48.5	49.3	49.4	49.5	50.0	50.1	50.2	50.3	50.3	50.4	50.5	50.5	50.6	50.6	50.6	50.6
51.1	51.9	52.1	52.2	52.7	52.8	53.0	53.1	53.2	53.3	53.4	53.4	53.5	53.5	53.5	53.5
55.0	55.8	56.0	56.1	56.7	56.8	57.0	57.2	57.2	57.4	57.5	57.5	57.6	57.6	57.6	57.6
56.1	56.9	57.2	57.3	57.9	58.0	58.2	58.4	58.4	58.7	58.7	58.8	58.8	58.8	58.8	58.8
57.3	58.4	58.7	58.8	59.5	59.6	59.9	60.0	60.0	60.3	60.4	60.4	60.5	60.5	60.5	60.5
58.4	59.5	59.8	59.9	60.6	60.7	61.0	61.1	61.1	61.4	61.5	61.5	61.6	61.6	61.6	61.6
59.8	61.2	61.5	61.7	62.4	62.5	62.8	62.9	63.0	63.2	63.3	63.4	63.4	63.4	63.4	63.4
61.9	63.6	64.0	64.1	64.9	65.0	65.4	65.5	65.5	65.8	65.9	65.9	66.0	66.0	66.0	66.0
63.7	65.7	66.2	66.5	67.6	67.8	68.5	68.6	68.7	68.9	69.0	69.1	69.1	69.1	69.1	69.1
65.7	68.3	69.0	69.3	70.6	70.9	71.7	71.8	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3
67.7	70.7	71.7	72.1	73.7	74.1	74.9	75.2	75.2	75.5	75.6	75.6	75.7	75.7	75.7	75.7
68.4	71.5	72.6	73.1	74.8	75.2	76.1	76.3	76.3	76.6	76.7	76.8	76.8	76.8	76.8	76.8
69.8	73.4	74.7	75.3	77.1	77.6	78.8	79.1	79.1	79.4	79.5	79.6	79.7	79.7	79.7	79.7
71.5	75.5	77.0	77.8	80.0	80.6	82.1	82.4	82.4	82.8	82.9	82.9	83.0	83.0	83.0	83.0
72.5	76.8	78.5	79.4	82.0	82.6	84.6	85.3	85.4	85.7	85.9	86.0	86.1	86.1	86.1	86.1
73.4	78.0	79.6	80.7	83.4	84.3	86.7	87.6	87.8	88.2	88.4	88.5	88.6	88.6	88.6	88.6
74.0	78.6	80.5	81.6	84.5	85.6	88.2	89.5	89.6	90.1	90.4	90.4	90.6	90.6	90.6	90.6
74.3	79.2	81.1	82.3	85.2	86.4	89.1	90.4	90.6	91.1	91.4	91.5	91.6	91.6	91.6	91.6
74.4	79.4	81.3	82.6	85.5	86.7	89.7	91.2	91.4	92.1	92.6	92.7	92.9	92.9	92.9	92.9
74.6	79.9	81.8	83.1	86.5	87.7	91.0	92.7	92.9	94.0	94.7	95.0	95.3	95.3	95.3	95.3
74.7	80.1	82.1	83.4	86.9	88.1	91.5	93.5	93.8	94.9	95.9	96.3	96.6	96.7	96.7	96.8
74.7	80.2	82.2	83.5	87.3	88.5	91.9	94.0	94.3	95.6	96.6	97.2	97.6	97.7	97.8	98.0
74.7	80.2	82.3	83.7	87.5	88.8	92.2	94.3	94.6	96.4	97.5	98.3	99.0	99.1	99.3	99.5
74.7	80.2	82.3	83.7	87.5	88.8	92.2	94.3	94.6	96.6	97.8	98.5	99.4	99.5	99.7	100.0
74.7	80.2	82.3	83.7	87.5	88.8	92.3	94.4	94.6	96.7	97.8	98.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2515 TATALINA AFS AK

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000-0200

51.5	52.5	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.3	53.4	53.4	53.8	53.8	53.8	53.8
52.5	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.5	54.5	54.9	54.9	54.9	54.9	54.9
54.4	55.5	55.8	55.8	56.1	56.1	56.1	56.1	56.1	56.2	56.3	56.3	56.7	56.7	56.7	56.7
55.1	56.2	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.9	57.1	57.1	57.4	57.4	57.4	57.4
55.2	56.3	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.2	57.3	57.3	57.7	57.7	57.7	57.7
55.8	56.9	57.3	57.3	57.7	57.7	57.7	57.7	57.7	57.8	57.9	57.9	58.3	58.3	58.3	58.3
56.8	57.9	58.3	58.3	58.7	58.7	58.7	58.7	58.7	58.8	58.9	58.9	59.3	59.3	59.3	59.3
57.8	58.9	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.8	59.9	59.9	60.3	60.3	60.3	60.3
61.5	62.6	63.0	63.0	63.3	63.3	63.3	63.5	63.5	63.5	63.6	63.7	64.1	64.1	64.1	64.1
64.5	65.6	65.9	65.9	66.3	66.4	66.5	66.5	66.5	66.7	66.8	66.8	67.2	67.2	67.2	67.2
66.9	68.0	68.4	68.4	68.9	69.1	69.6	69.6	69.6	69.9	70.0	70.0	70.4	70.4	70.4	70.4
69.5	70.6	71.0	71.0	71.5	71.7	72.2	72.2	72.2	72.4	72.6	72.6	72.9	72.9	72.9	72.9
73.8	72.0	72.3	72.3	72.8	73.1	73.6	73.6	73.6	73.8	73.9	73.9	74.3	74.3	74.3	74.3
72.0	73.3	73.8	73.9	74.4	74.7	75.2	75.2	75.2	75.4	75.5	75.5	75.9	75.9	75.9	75.9
73.2	74.8	75.3	75.6	76.1	76.4	76.9	76.9	76.9	77.1	77.2	77.2	77.6	77.6	77.6	77.6
74.4	76.0	76.5	77.0	77.6	77.9	78.7	78.7	78.7	79.0	79.1	79.1	79.5	79.5	79.5	79.5
76.9	78.8	79.5	80.0	81.4	81.7	82.5	82.5	82.5	82.8	82.9	82.9	83.3	83.3	83.3	83.3
77.6	80.6	81.2	81.7	83.1	83.9	84.7	84.7	84.7	85.0	85.1	85.1	85.5	85.5	85.5	85.5
78.7	81.9	82.7	83.1	84.7	85.5	86.3	86.3	86.3	86.6	86.7	86.7	87.1	87.1	87.1	87.1
79.3	82.9	83.8	84.5	86.6	87.3	88.2	88.2	88.2	88.4	88.6	88.6	88.9	88.9	88.9	88.9
79.8	83.5	84.4	85.1	87.2	87.9	88.9	88.9	88.9	89.2	89.3	89.3	89.7	89.7	89.7	89.7
80.1	83.9	84.7	85.5	87.7	88.4	89.7	90.3	90.3	90.5	90.7	90.7	91.0	91.0	91.0	91.0
80.6	84.4	85.2	86.0	88.2	88.9	90.2	90.9	90.9	91.1	91.3	91.3	91.6	91.6	91.6	91.6
80.7	85.0	85.9	86.6	89.3	90.0	91.4	92.4	92.4	92.6	93.0	93.0	93.4	93.4	93.4	93.4
80.8	85.1	86.0	86.7	89.4	90.2	91.5	92.6	92.6	92.9	93.2	93.2	93.8	93.8	93.8	93.8
81.3	85.6	86.5	87.2	89.9	90.7	92.3	93.5	93.5	94.0	94.3	94.3	95.1	95.1	95.1	95.1
81.5	86.1	87.0	87.7	90.4	91.1	93.5	94.7	94.7	95.2	95.6	95.6	96.3	96.3	96.3	96.3
81.7	86.2	87.1	88.1	90.8	91.5	94.3	95.6	95.6	96.1	96.4	96.4	97.2	97.2	97.2	97.2
81.7	86.2	87.1	88.1	90.8	91.5	95.2	96.7	96.7	97.3	97.7	97.7	98.5	98.5	98.5	98.5
81.7	86.2	87.1	88.1	90.8	91.5	95.3	97.0	97.7	98.4	98.8	98.8	99.8	99.8	99.8	99.8
81.7	86.2	87.1	88.1	90.8	91.5	95.3	97.2	97.2	98.5	98.9	98.9	100.0	100.0	100.0	100.0
91.7	86.2	87.1	88.1	90.8	91.5	95.3	97.2	97.2	98.5	98.9	98.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

060

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-2300

56.2	57.1	57.7	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	5
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TOTAL NUMBER OF OBSERVATIONS 622

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A1- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0622

[illegible]TOTAL NUMBER OF OBSERVATIONS 821

USAF ETAC 0-14-5-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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73-81

DEC

0907-1100

46.6	47.6	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9
47.7	48.7	48.7	48.8	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.2	49.2	49.2
49.3	50.0	50.0	50.1	50.1	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5
49.4	50.5	50.5	50.6	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0
49.5	50.7	50.7	50.9	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2
51.8	53.0	53.0	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5
53.4	54.9	54.9	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.4	55.4
54.4	55.8	55.8	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3
58.6	60.2	60.2	60.3	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7
64.2	65.8	65.8	65.9	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4
65.9	67.5	67.5	67.8	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5
68.4	70.1	70.1	70.3	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0
69.1	70.9	71.0	71.4	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1
71.2	73.0	73.1	73.6	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5
73.2	75.3	75.5	76.3	76.6	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.3
74.7	76.9	77.4	78.1	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2
76.2	79.1	80.2	81.0	81.9	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6
76.8	79.9	81.0	81.9	83.0	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
77.3	80.4	81.5	82.5	83.7	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.7
79.6	82.4	83.7	84.8	86.5	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6
79.2	83.0	84.3	85.8	88.3	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.7	89.7
79.2	83.1	84.5	86.0	88.7	89.3	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.5	90.5
80.0	84.3	85.9	87.3	90.0	90.9	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.7	92.7
80.3	84.7	86.4	87.8	90.5	91.4	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.3	93.3
80.7	85.2	87.0	88.4	91.1	92.0	93.7	93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.0
81.0	85.6	87.8	89.3	92.0	92.8	94.8	94.8	94.9	95.1	95.1	95.3	95.3	95.4	95.4
81.0	85.6	87.8	89.3	92.0	92.8	94.8	94.8	95.0	95.1	95.7	95.7	95.9	96.1	96.2
81.1	85.8	88.0	89.4	92.3	93.2	95.3	95.5	95.6	96.2	96.2	96.4	96.6	96.6	96.7
81.4	86.0	88.3	89.8	92.9	93.8	96.0	96.4	96.5	97.4	97.4	97.6	97.9	97.9	98.1
81.4	86.0	88.3	89.8	93.1	93.9	96.2	96.7	96.8	97.8	97.8	97.9	98.1	98.3	98.3
81.4	86.0	88.3	89.8	93.1	93.9	96.2	96.7	96.8	97.8	97.8	97.9	98.4	99.4	99.5
81.4	86.0	88.3	89.8	93.1	93.9	96.2	96.7	96.8	97.8	97.8	97.9	98.4	99.4	99.5

822

?

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2345 TATALLINA AFS AK

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

44.3	45.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6
46.1	46.8	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4
46.9	47.7	47.9	47.9	48.2	48.2	48.2	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5
47.2	47.9	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8
47.3	48.0	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9
49.4	50.1	50.4	50.4	50.9	50.9	50.9	50.9	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2
51.5	52.2	52.4	52.4	53.1	53.1	53.1	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4
52.6	53.4	53.7	53.7	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6
59.2	60.0	60.3	60.3	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2
65.3	66.4	66.6	66.6	67.4	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7
68.0	69.2	69.4	69.6	70.3	70.3	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7
69.8	71.0	71.3	71.4	72.1	72.1	72.2	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6
70.0	71.4	71.6	71.9	72.6	72.6	72.7	72.7	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1
71.6	73.1	73.5	73.7	74.4	74.4	74.6	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9
73.1	74.6	74.9	75.3	76.0	76.0	76.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5
74.7	76.5	76.9	77.3	78.2	78.2	78.4	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7
78.0	80.1	80.6	80.9	82.2	82.2	82.3	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6
79.2	81.7	82.3	82.9	84.5	84.5	84.6	84.6	84.6	85.0	85.2	85.2	85.2	85.2	85.2	85.2
79.8	82.3	82.9	83.5	85.1	85.1	85.2	85.2	85.2	85.6	85.9	85.9	85.9	85.9	85.9	85.9
80.4	83.0	83.9	84.7	87.0	87.0	87.8	87.8	87.8	88.4	88.8	88.8	88.8	88.8	88.8	88.8
90.8	83.6	84.6	85.7	88.1	88.1	89.1	89.4	89.4	89.9	90.2	90.2	90.2	90.2	90.2	90.2
80.9	83.9	85.3	86.6	89.5	89.5	90.5	90.7	90.7	91.2	91.6	91.6	91.6	91.6	91.6	91.6
81.4	84.8	86.3	87.7	90.8	90.8	92.1	92.3	92.3	92.8	93.2	93.2	93.2	93.2	93.2	93.2
81.8	85.5	87.0	88.6	91.9	91.9	93.2	93.6	93.6	94.5	94.9	94.9	94.9	94.9	94.9	94.9
82.0	85.8	87.4	89.1	92.4	92.4	93.8	94.3	94.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7
82.2	86.2	88.0	89.7	93.0	93.0	94.6	95.5	95.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9
82.3	86.3	88.1	89.9	93.4	93.4	95.0	95.8	95.8	96.9	97.3	97.3	97.4	97.4	97.4	97.4
82.3	86.3	88.1	89.9	93.4	93.4	95.1	96.2	96.2	97.3	98.0	98.0	98.5	98.5	98.5	98.5
82.3	86.3	88.1	89.9	93.5	93.5	95.2	96.6	96.6	97.7	98.4	98.5	99.0	99.0	99.0	99.0
82.3	86.3	88.1	89.9	93.5	93.5	95.6	97.1	97.1	98.3	99.0	99.1	99.6	99.6	99.6	99.6
82.3	86.3	88.1	89.9	93.5	93.5	95.6	97.1	97.1	98.4	99.1	99.3	99.9	99.9	99.9	99.9
82.3	86.3	88.1	89.9	93.5	93.5	95.6	97.1	97.1	98.4	99.1	99.3	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 818

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 13.5 TATALINA AFS AK

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

44.6	45.5	45.5	45.8	45.9	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3
46.2	47.1	47.1	47.3	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8
47.2	48.1	48.1	48.3	48.7	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1
47.2	48.1	48.1	48.3	48.7	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1
47.6	48.5	48.5	48.7	49.1	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5
50.3	51.2	51.2	51.4	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3
51.4	52.3	52.3	52.6	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	53.5
52.2	53.1	53.1	53.3	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2
56.0	56.9	56.9	57.2	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1
60.8	61.9	61.9	62.3	62.8	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
62.9	64.4	64.5	64.9	65.4	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.2
66.7	68.1	68.2	68.6	69.1	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.9	69.9	69.9	69.9
66.7	68.1	68.2	68.6	69.1	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.9	69.9	69.9	69.9
68.5	69.9	70.0	70.4	71.2	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9
70.8	72.3	72.4	72.8	73.6	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4
72.3	73.8	74.1	74.5	75.4	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.2	76.2	76.2	76.2
74.2	76.3	76.8	77.6	79.4	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
76.2	78.6	79.5	80.3	82.7	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6
76.5	79.0	79.9	80.6	83.1	83.6	83.7	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0
77.3	79.9	80.9	82.1	84.9	85.6	86.0	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
77.4	80.3	81.4	82.8	85.8	86.9	87.6	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9
78.5	81.4	82.6	84.4	87.8	89.0	89.7	90.1	90.1	90.4	90.4	90.4	90.5	90.5	90.5	90.5
78.7	82.1	83.2	85.1	88.6	89.7	91.0	91.4	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8
79.5	82.9	84.1	86.2	89.7	90.9	92.2	92.7	92.7	92.9	92.9	92.9	93.1	93.1	93.1	93.1
79.6	83.1	84.5	86.7	90.4	91.5	92.9	93.6	93.6	93.8	93.8	93.8	94.0	94.0	94.0	94.0
79.7	83.3	84.7	86.9	90.8	91.9	93.6	94.6	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0
79.9	83.6	85.0	87.2	91.0	92.2	94.4	95.4	95.4	95.8	95.8	95.8	96.3	96.3	96.3	96.5
79.9	83.6	85.1	87.3	91.2	92.4	94.7	96.2	96.2	96.7	97.1	97.1	97.9	97.9	97.9	98.2
79.9	83.6	85.1	87.3	91.2	92.4	94.9	96.4	96.4	97.2	97.6	97.8	98.7	98.7	98.7	99.0
79.9	83.6	85.1	87.3	91.2	92.4	95.0	96.5	96.5	97.7	98.1	98.1	99.4	99.4	99.4	99.6
79.9	83.6	85.1	87.3	91.2	92.4	95.0	96.5	96.5	97.7	98.1	98.5	99.7	99.7	99.7	99.7
79.9	83.6	85.1	87.3	91.2	92.4	95.0	96.5	96.5	97.7	98.1	98.5	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 780

USAF ETAC 73-14-5 CL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-75 TATALLINA AFS AK

73-75,77-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

51.3	52.9	52.9	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
52.9	54.4	54.4	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
53.1	54.6	54.6	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
53.1	54.6	54.6	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
53.1	54.6	54.6	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
53.4	55.0	55.1	55.3	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
53.3	55.3	55.3	55.7	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
54.6	56.1	56.1	56.5	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
57.1	58.8	58.8	59.2	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
62.4	64.7	64.7	65.1	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
64.7	67.0	67.0	67.4	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
65.6	68.3	68.3	68.7	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
67.2	69.8	69.8	70.2	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
68.5	71.4	71.4	71.8	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
69.7	72.1	72.1	72.5	73.5	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
70.4	73.5	73.5	73.9	75.0	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
72.5	76.0	76.0	76.5	78.8	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
73.9	77.9	77.9	78.4	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
74.8	78.8	78.8	79.4	81.7	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
75.8	80.3	80.3	81.1	83.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
76.3	81.1	81.5	82.8	85.7	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
76.7	81.7	82.1	83.4	86.5	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
76.9	82.3	82.6	84.0	87.2	87.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
76.9	82.3	82.6	84.0	87.2	87.8	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
77.1	82.4	83.0	84.4	87.6	88.2	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
77.3	82.6	83.2	84.5	87.8	88.4	90.8	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
78.2	83.6	84.5	85.9	89.1	89.7	94.1	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.4
78.6	84.2	84.9	86.3	89.5	90.1	95.0	96.8	96.8	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.5
78.6	84.2	84.9	86.3	89.5	90.1	95.6	97.3	97.3	97.5	97.7	97.9	97.9	97.9	97.9	97.9	98.3
78.6	84.2	84.9	86.3	89.5	90.1	95.6	98.1	98.1	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.6
78.6	84.2	84.9	86.3	89.5	90.1	95.6	98.1	98.1	99.0	99.2	99.6	99.6	99.6	99.6	99.6	100.0
78.6	84.2	84.9	86.3	89.5	90.1	95.6	98.1	98.1	99.0	99.2	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 524

CLIMATE CLIMATOLOGY BRANCH
 0-46240
 41 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-1115 TATALINA AFS AK

73-81

060

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

49.7	50.8	51.0	51.1	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.6	51.6	51.7	51.7
50.9	51.9	52.2	52.3	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.9	52.9
52.0	53.1	53.3	53.4	53.6	53.8	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.1
52.2	53.4	53.6	53.7	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4
52.4	53.6	53.8	53.9	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7
53.3	54.9	55.2	55.3	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.0
55.0	56.2	56.4	56.5	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3
55.8	57.0	57.2	57.3	57.9	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.2	58.2
57.6	57.9	61.1	61.2	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.1
63.9	65.3	65.6	65.8	66.4	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8
66.0	67.6	67.9	68.1	68.8	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3
68.2	69.8	70.1	70.3	71.0	71.1	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.6	71.6
69.0	70.6	70.9	71.1	71.9	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4
70.8	72.5	72.9	73.2	74.0	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5
72.3	74.2	74.7	75.1	75.9	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5
73.5	75.6	76.1	76.5	77.4	77.7	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.2	78.2
75.5	78.0	78.7	79.2	80.8	81.1	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6
76.7	79.6	80.5	81.0	82.8	83.3	83.7	83.7	83.7	83.8	83.8	83.8	83.9	83.9	84.0	84.0
77.2	80.2	81.1	81.7	83.6	84.1	84.5	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7
78.1	81.3	82.4	83.1	85.5	86.0	86.6	86.6	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9
78.5	82.0	83.2	84.2	86.7	87.4	88.2	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.6	88.6
78.9	82.5	83.8	84.8	87.8	88.5	89.4	89.7	89.7	89.9	90.0	90.0	90.0	90.0	90.1	90.1
79.3	83.2	84.5	85.6	88.6	89.4	90.6	90.9	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3
79.6	83.6	84.9	86.1	89.2	90.0	91.3	91.8	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.3
79.8	83.9	85.3	86.5	89.7	90.4	91.9	92.5	92.5	92.9	93.0	93.0	93.2	93.2	93.2	93.2
80.3	84.4	85.9	87.1	90.4	91.2	93.0	93.8	93.8	94.2	94.3	94.3	94.5	94.5	94.6	94.6
80.6	84.8	86.3	87.5	91.0	91.7	94.1	95.0	95.0	95.5	95.6	95.6	96.0	96.0	96.0	96.1
80.8	85.0	86.5	87.8	91.3	92.0	94.8	95.9	95.9	96.4	96.7	96.7	97.2	97.2	97.3	97.3
80.4	85.0	86.6	87.8	91.4	92.1	95.2	96.4	96.5	97.2	97.5	97.6	98.2	98.2	98.3	98.4
80.7	85.0	86.6	87.8	91.4	92.2	95.4	96.9	96.9	98.0	98.3	98.4	99.3	99.3	99.4	99.5
80.7	85.0	86.6	87.8	91.4	92.2	95.4	97.0	97.0	98.1	98.4	98.6	99.7	99.7	99.8	100.0
80.3	85.0	86.6	87.8	91.4	92.2	95.4	97.0	97.0	98.1	98.4	98.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5934

AL CLIMATOLOGY BRANCH
 1. TITLE
 2. WEATHER STATION NAME

CEILING VERSUS VISIBILITY

3. DATE
 4. LOCATION

73-81

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOUR X OBSERVATIONS

ALL

40.7	41.1	41.1	41.2	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6
43.3	43.7	43.8	43.3	44.0	44.0	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
44.8	45.2	45.7	45.3	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8
45.5	45.4	45.5	45.6	45.8	45.8	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1
46.4	46.8	46.9	46.0	46.2	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5
46.7	47.1	47.2	47.2	47.5	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
49.2	49.6	49.7	49.6	50.0	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
50.2	51.3	51.4	51.5	51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0
54.7	55.3	55.5	55.5	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1
59.0	60.6	60.7	60.6	61.1	61.2	61.3	61.3	61.7	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5
62.1	62.7	62.9	63.0	63.3	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7
65.1	65.8	66.0	66.1	66.5	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9
66.7	67.5	67.7	67.8	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6
70.7	71.5	71.9	72.0	72.5	72.5	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0
73.9	74.9	75.0	75.4	75.9	75.9	76.1	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
78.3	77.5	77.9	78.1	78.8	78.9	79.1	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
78.5	79.9	80.4	80.6	81.4	81.6	81.8	81.9	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2
80.5	82.2	82.8	83.1	84.0	84.2	84.6	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
81.2	83.0	83.7	84.0	84.9	85.2	85.6	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0
82.4	84.4	85.2	85.6	86.7	87.0	87.5	87.7	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
83.6	85.9	86.7	87.2	88.5	88.9	89.6	89.6	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1
84.4	86.8	87.7	88.2	89.7	90.1	91.0	91.3	91.3	91.4	91.6	91.7	91.7	91.8	91.8	91.8	91.8
85.1	87.6	88.6	89.2	90.8	91.3	92.3	92.7	92.8	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3
85.4	88.1	89.1	89.8	91.5	92.0	93.2	93.7	93.7	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3
85.7	88.5	89.6	90.3	92.1	92.7	93.9	94.5	94.5	94.9	95.1	95.1	95.2	95.2	95.3	95.3	95.3
85.7	88.8	91.0	90.7	92.6	93.1	94.6	95.2	95.2	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.2
86.1	89.1	91.3	91.0	93.1	93.7	95.3	96.0	96.1	96.8	97.0	97.1	97.3	97.4	97.4	97.4	97.4
86.1	89.2	91.5	91.3	93.4	94.0	95.8	96.6	96.7	97.5	97.8	97.9	98.2	98.3	98.4	98.4	98.4
86.2	89.3	91.6	91.4	93.6	94.2	96.0	96.9	97.0	97.9	98.1	98.4	98.9	98.9	99.1	99.1	99.1
86.2	89.4	91.7	91.5	93.7	94.3	96.2	97.1	97.2	98.2	98.6	98.8	99.4	99.4	99.6	99.6	99.6
86.2	89.4	91.7	91.5	93.7	94.3	96.2	97.1	97.2	98.3	98.7	98.9	99.6	99.6	99.8	99.8	99.8
86.2	89.4	91.7	91.5	93.7	94.3	96.2	97.1	97.2	98.3	98.7	98.9	99.6	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 62875

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN,
OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

7 - 5 - 2

418

— **Figure 1** —

[illegible]

206

2000

[illegible]

USAFETAC

FORM
111-A4

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

7-21

5749 UN

S*A' IN NAME

DOI: 10.1002/anie.200500000

$$v_{\text{eff}} = \frac{v_{\text{eff}}^0}{1 + \frac{v_{\text{eff}}^0}{v_{\text{eff}}^{\text{max}}}}$$

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8			9
1-12	41.3				15.4					5.2	13.1	4.6	164
1-13	43.				15.2					5.3	15.7	4.6	71
1-14	31.7				21.5					13.2	13.7	5.2	73
1-15	24.8				17.3					22.5	12.1	5.2	73
1-16	24.7				21.9					27.1	11.3	5.4	77
1-17	26.7				21.5					21.9	11.4	5.2	67
1-18	28.3				24.2					18.7	19.5	5.7	39
1-19	39.				17.2					9.6	11.2	4.6	19
TOTALS	32.4				17.9					15.4	12.3	5.2	1047

SKY COVER

72-41



574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

STATION NAME

918.32

✓

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	1-32	26.4			21.5						17.0	36.1	2.4	747
	3-35	24.2			19.5						14.4	41.9	2.1	624
	16-18	12.1			2 .5						23.7	43.7	2.1	624
	9-11	12.2			22.8						14.6	42.2	2.1	622
	13-14	13.3			21.4						26.1	41.2	2.2	627
	15-17	13.1			19.3						26.3	39.3	2.1	751
	17-20	14.7			24.0						23.7	39.7	2.7	665
	21-23	21.6			25.3						21.2	51.7	5.3	197

SKY COVER

42.

[illegible][illegible]

SKY COVER

TATALINA AFS AN

7-51

442

STATION

STATION NAME

400

2004

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

SKY COVER

77-21

4.

STATION

SIA' ON NAME

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS):

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
4-5	10-12	11.7			26.3						23.6	38.7	6.4	77
	3-5	5.9			25.3						25.9	43.3	7.4	87
	10-12	3.6			19.7						26.9	48.5	8.1	877
	7-11	2.6			21.6						30.0	46.5	8.1	877
	12-14	2.4			16.5						28.2	42.9	8.2	877
	15-17	.9			16.9						43.0	37.2	7.3	841
	18-20	2.0			21.9						38.7	39.3	7.1	845
	21-23	4.9			26.3						31.2	37.6	7.4	877
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SKY COVER

77-51

STATION

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STAFF NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | WIND
Direction
(true) | WIND
Speed
(kts) | WIND
Gust
(kts) | WIND
Direction
(true) | WIND
Speed
(kts) | WIND
Gust
(kts) |
|-------|----------------|---|---|---|------|---|---|---|---|---|------|-----------------------------|------------------------|-----------------------|-----------------------------|------------------------|-----------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | |
| 1-12 | 13.3 | | | | 18.8 | | | | | | 13.4 | 0.1 | 0.1 | | | | |
| 1-12 | 13.4 | | | | 17.7 | | | | | | 11.3 | 15.7 | 0.1 | 0.1 | | | |
| 1-12 | 17.3 | | | | 17.7 | | | | | | 17.7 | 14.7 | 0.1 | 0.1 | | | |
| 1-12 | 16.7 | | | | 17.6 | | | | | | 17.1 | 14.6 | 0.1 | 0.1 | | | |
| 1-14 | 16.1 | | | | 16.6 | | | | | | 17.2 | 17.1 | 0.1 | 0.1 | | | |
| 15-17 | 14.6 | | | | 17.2 | | | | | | 17.2 | 16.1 | 0.1 | 0.1 | | | |
| 1-12 | 17.1 | | | | 17.5 | | | | | | 17.1 | 16.9 | 0.1 | 0.1 | | | |
| 1-21 | 16.1 | | | | 17.9 | | | | | | 16.9 | 11.9 | 0.1 | 0.1 | | | |
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SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| MONTH | HOURS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | TOTAL |
|--------|-------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| JAN | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEB | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAR | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| APR | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JUN | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JUL | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUG | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCT | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOV | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| DEC | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | | |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

The dew point and wet bulb data in this section should be viewed with caution. When the dry bulb temperature was below -35°F dew points were not transmitted, (FMH-1B). As a result, during the colder months the mean dew points are actually lower than indicated. Since wet bulb temperatures are calculated from the dew points, they are also biased toward higher values. In fact, some of the mean wet bulb values are higher than the concurrent dry bulb values.

2

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
7-515 TATALINA AFS AK
STATION NAME

DAILY TEMPERATURES

53-59, 66, 74-81
YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 40 | | | | | | 0.2 | 1.2 | 0.2 | | | | | 0.2 |
| 39 | | | | | | 2.7 | 4.1 | 1.7 | | | | | 0.7 |
| 38 | | | | | 0.6 | 9.1 | 10.2 | 6.4 | | | | | 2.7 |
| 37 | | | | | 3.1 | 24.5 | 33.4 | 18.0 | 1.2 | | | | 0.7 |
| 36 | | | | | 9.6 | 45.2 | 54.5 | 36.3 | 5.2 | | | | 1.7 |
| 35 | | | | 0.6 | 25.9 | 62.3 | 74.4 | 57.5 | 14.2 | | | | 19.2 |
| 34 | | | | 3.3 | 51.2 | 80.5 | 91.0 | 80.8 | 31.9 | 0.2 | | | 25.0 |
| 33 | | | 0.2 | 10.7 | 70.9 | 95.2 | 98.4 | 93.6 | 52.9 | 2.9 | | | 35.9 |
| 32 | | 0.2 | 1.3 | 21.4 | 56.5 | 99.1 | 100.0 | 99.4 | 73.7 | 7.6 | | | 41.3 |
| 31 | | 0.6 | 1.2 | 7.5 | 44.9 | 96.8 | 99.6 | 100.0 | 86.0 | 16.1 | 1.8 | 0.2 | 47.2 |
| 30 | 3.3 | 4.9 | 21.1 | 64.4 | 99.2 | 100.0 | | | 97.8 | 36.9 | 5.4 | 2.3 | 53.2 |
| 29 | 8.7 | 9.1 | 36.7 | 79.2 | 100.0 | | | | 99.0 | 55.9 | 14.5 | 6.4 | 57.9 |
| 28 | 16.3 | 17.4 | 47.6 | 88.3 | | | | | 100.0 | 75.1 | 21.9 | 12.4 | 60.6 |
| 27 | 24.8 | 25.7 | 60.5 | 95.1 | | | | | | 85.5 | 35.3 | 1.5 | 71.4 |
| 26 | 36.4 | 36.3 | 69.9 | 97.5 | | | | | | 94.2 | 52.8 | | 79.0 |
| 25 | 45.5 | 49.2 | 79.3 | 99.4 | | | | | | 96.5 | 70.2 | | 81.7 |
| 24 | 55.1 | 59.2 | 87.9 | 99.6 | | | | | | 99.2 | 81.2 | | 85.7 |
| 23 | 63.0 | 69.9 | 92.1 | 100.0 | | | | | | 100.0 | 87.0 | 53.3 | 89.0 |
| 22 | 70.9 | 80.9 | 95.7 | | | | | | | | 93.5 | 64.3 | 92.2 |
| 21 | 79.3 | 89.4 | 97.7 | | | | | | | | 97.8 | 78.1 | 95.0 |
| 20 | 85.6 | 95.5 | 99.6 | | | | | | | | 98.9 | 84.1 | 97.1 |
| 19 | 92.1 | 98.9 | 100.0 | | | | | | | | 100.0 | 91.9 | 98.0 |
| 18 | 95.7 | 99.8 | | | | | | | | | | 97.1 | 99.4 |
| 17 | 99.0 | 100.0 | | | | | | | | | | 99.6 | 99.9 |
| 16 | 99.8 | | | | | | | | | | | 99.8 | 100.0 |
| 15 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| 14 | | | | | | | | | | | | | |
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| 0 | | | | | | | | | | | | | |
| MEAN | 5.7 | 8.8 | 21.7 | 37.1 | 54.1 | 62.9 | 65.7 | 61.3 | 50.3 | 30.6 | 19.2 | 2.4 | 34.7 |
| S.D. | 17.57 | 15.53 | 14.04 | 11.15 | 8.20 | 8.88 | 9.25 | 8.55 | 8.62 | 9.71 | 12.57 | 15.47 | 20.66 |
| TOTAL OBS | 492 | 471 | 521 | 486 | 498 | 473 | 488 | 532 | 501 | 515 | 447 | 484 | 5213 |

USAFETAC FORM 0-21.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

JOINT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC
10315 TATALINA AFS AK
STATION STATION NAME

53-54, 66, 70-81
YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

104700

| TEMP. °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN. A. |
|-----------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|---------|
| 61 | | | | | | 0.5 | 1.1 | | | | | | 0.1 |
| 62 | | | | | | 2.3 | 5.3 | | | | | | 0.7 |
| 63 | | | | | | 11.1 | 21.4 | 1.1 | | | | | 7.0 |
| 64 | | | | | 2.8 | 34.1 | 57.3 | 39.8 | | | | | 11.4 |
| 65 | | | | | 11.6 | 63.8 | 90.9 | 76.9 | 2.6 | | | | 21.1 |
| 66 | | | | 1.2 | 39.2 | 91.0 | 98.9 | 93.6 | 17.6 | | | | 31.4 |
| 67 | | | .4 | .2 | 6.8 | 73.3 | 98.7 | 98.5 | 49.7 | 1.7 | | | 38.1 |
| 68 | | .8 | .8 | .8 | 13.4 | 83.3 | 99.0 | 99.2 | 69.7 | 7.0 | | | 40.8 |
| 69 | 1.8 | 1.9 | 4.4 | 26.1 | 94.2 | 100.0 | | 100.0 | 75.0 | 11.5 | 1.1 | .6 | 46.8 |
| 70 | 3.7 | 4.2 | 14.4 | 51.0 | 96.6 | | | | 86.8 | 25.0 | 2.6 | 1.2 | 51.1 |
| 71 | 8.1 | 3.3 | 24.6 | 63.8 | 99.4 | | | | 97.4 | 44.3 | 6.2 | 2.7 | 57.8 |
| 72 | 14.4 | 13.6 | 36.1 | 75.7 | 99.6 | | | | 99.4 | 61.9 | 13.8 | 7.2 | 60.1 |
| 73 | 26.0 | 22.9 | 48.0 | 84.0 | 100.0 | | | | 100.0 | 78.6 | 24.0 | 11.1 | 64.9 |
| 74 | 37.8 | 33.3 | 58.2 | 91.8 | | | | | | 87.4 | 36.6 | 16.8 | 74.0 |
| 75 | 45.3 | 42.5 | 69.9 | 97.1 | | | | | | 93.6 | 53.4 | 23.2 | 77.5 |
| 76 | 55.1 | 54.1 | 78.5 | 98.8 | | | | | | 96.7 | 69.4 | 33.1 | 84.1 |
| 77 | 63.5 | 65.2 | 86.2 | 99.2 | | | | | | 98.4 | 78.3 | 43.1 | 88.0 |
| 78 | 72.2 | 73.7 | 93.6 | 99.8 | | | | | | 99.6 | 87.0 | 53.6 | 91.8 |
| 79 | 80.1 | 82.2 | 95.0 | 100.0 | | | | | | 100.0 | 94.0 | 67.4 | 94.7 |
| 80 | 87.4 | 92.4 | 98.1 | | | | | | | | 98.5 | 79.9 | 97.1 |
| 81 | 92.9 | 97.7 | 99.8 | | | | | | | | 99.4 | 87.1 | 98.7 |
| 82 | 95.3 | 99.8 | 100.0 | | | | | | | | 99.8 | 94.3 | 99.0 |
| 83 | 98.6 | 100.0 | | | | | | | | | 100.0 | 98.2 | 99.8 |
| 84 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| 85 | | | | | | | | | | | | | |
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| 100 | | | | | | | | | | | | | |
| MEAN | -3.7 | -3.5 | 7.3 | 21.7 | 37.8 | 47.0 | 50.6 | 47.9 | 38.0 | 21.7 | 5.1 | -7.1 | 21.9 |
| S.D. | 17.439 | 15.788 | 15.863 | 15.685 | 5.824 | 6.55 | 4.975 | 5.306 | 6.844 | 10.173 | 12.852 | 15.850 | 23.844 |
| TOTAL OBS | 492 | 471 | 571 | 486 | 498 | 479 | 473 | 532 | 501 | 515 | 470 | 487 | 5924 |

2
JUNIAL CLIMATOLOGY BRANCH

1. FETAC

2. WEATHER SERVICE/MAC

3. 77.3 TATALLINA AFS AK STATION NAME

53-54, 55, 7-7-61 YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

2.47

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|--------|
| 7 | | | | | | 0.2 | 0.4 | | | | | | 0.6 |
| 8 | | | | | | 2.1 | 4.7 | | | | | | 6.8 |
| 9 | | | | | | 7.2 | 10.5 | 0.4 | | | | | 18.1 |
| 10 | | | | | | 2.4 | 29.7 | 40.2 | 23.7 | 1.2 | | | 10.2 |
| 11 | | | | | | 10.1 | 33.0 | 71.7 | 54.1 | 7.1 | | | 15.4 |
| 12 | | | | | | 29.7 | 76.5 | 93.2 | 82.7 | 25.1 | | | 20.5 |
| 13 | | | | | 0.6 | 60.0 | 95.0 | 99.4 | 96.2 | 52.7 | 2.1 | | 34.4 |
| 14 | | | | 4.3 | 83.5 | 99.0 | 100.0 | 99.6 | 75.4 | 7.0 | 0.2 | | 40.4 |
| 15 | 0.3 | 1.7 | 4.8 | 15.0 | 87.0 | 100.0 | | 100.0 | 88.0 | 19.4 | 1.3 | 0.6 | 45.2 |
| 16 | 1.8 | 4.2 | 16.1 | 38.0 | 89.0 | | | | 87.8 | 41.7 | 5.3 | 2.1 | 53.0 |
| 17 | 8.1 | 8.1 | 29.2 | 71.6 | 89.6 | | | | 10.0 | 60.4 | 13.0 | 6.8 | 58.0 |
| 18 | 14.0 | 16.3 | 41.5 | 81.3 | 100.0 | | | | | 79.2 | 23.0 | 10.5 | 64.0 |
| 19 | 26.2 | 24.2 | 53.7 | 91.4 | | | | | | 88.5 | 33.3 | 17.8 | 70.0 |
| 20 | 37.4 | 33.8 | 65.1 | 96.3 | | | | | | 94.2 | 55.3 | 24.0 | 76.0 |
| 21 | 46.0 | 40.2 | 75.8 | 98.8 | | | | | | 97.3 | 73.2 | 33.3 | 81.0 |
| 22 | 55.1 | 58.7 | 82.9 | 99.2 | | | | | | 99.0 | 80.5 | 42.8 | 86.0 |
| 23 | 60.4 | 66.7 | 89.6 | 99.8 | | | | | | 99.8 | 86.4 | 55.0 | 89.0 |
| 24 | 71.7 | 70.6 | 93.3 | 100.0 | | | | | | 100.0 | 90.1 | 65.7 | 91.0 |
| 25 | 78.7 | 80.2 | 96.7 | | | | | | | | 97.3 | 79.3 | 94.7 |
| 26 | 87.3 | 94.3 | 99.2 | | | | | | | | 99.5 | 84.7 | 97.1 |
| 27 | 91.9 | 93.0 | 100.0 | | | | | | | | 100.0 | 92.5 | 98.0 |
| 28 | 95.1 | 99.0 | | | | | | | | | | 97.7 | 99.5 |
| 29 | 98.5 | 100.0 | | | | | | | | | | 99.3 | 99.7 |
| 30 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 0.2 | 2.7 | 14.5 | 29.7 | 46.2 | 55.2 | 55.4 | 55.1 | 44.4 | 26.4 | 10.4 | -2.4 | 20.0 |
| S.D. | 17.30 | 15.41 | 14.47 | 11.12 | 6.67 | 5.16 | 5.16 | 6.73 | 7.25 | 4.72 | 2.56 | 1.12 | 7.63 |
| TOTAL OBS | 402 | 471 | 521 | 486 | 498 | 478 | 473 | 532 | 501 | 515 | 447 | 484 | 589 |

USAFETAC FORM 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION NAME

13-17. 7-11

YEARS

WINDY DEGREE FAHRENHEIT

| MONTH
YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL
MONTHS |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
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| 100 | | | | | | | | | | | | | |
| MEAN | 30.1 | 33.2 | 40.3 | 52.7 | 67.2 | 76.9 | 81.1 | 75.1 | 64.8 | 48.5 | 33.2 | 21.8 | 42.1 |
| S.D. | 1.974 | 2.737 | 4.332 | 5.424 | 5.624 | 5.229 | 4.167 | 5.274 | 5.427 | 5.386 | 5.237 | 6.634 | 3.812 |
| TOTAL OBS. | 40 | 47 | 22 | 40 | 49 | 47 | 48 | 57 | 51 | 55 | 44 | 44 | 25 |

NOTES * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88.5 (OLA)

* (AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION NAME: INTALINA AFB AK 12-17-71-81 YEARS

WINDS IN DEGREES FAHRENHEIT

| MONTH
YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL
MONTHS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------|
| 64 | -34 | -31 | -18 | 6 | 21 | 44 | 47 | 41 | 24 | 10 | -7 | -11 | |
| 65 | -34 | -30 | -4 | -3 | 20 | 31 | 37 | 31 | 18 | 0 | -10 | -14 | |
| 66 | -31 | -34 | -31 | -17 | 20 | 34 | 44 | 42 | 22 | -7 | -11 | -3 | |
| 67 | -21 | -32 | -1 | 8 | 28 | 44 | 40 | 41 | 11 | 11 | -10 | -11 | |
| 68 | -41 | -28 | -31 | -6 | 22 | 35 | 39 | 37 | 21 | 11 | -10 | -11 | |
| 69 | -23 | -22 | -11 | -4 | 21 | 31 | 42 | 41 | 21 | 11 | -11 | -11 | |
| 70 | -40 | -16 | -13 | 14 | 31 | 38 | 44 | 41 | 21 | 11 | -10 | -11 | |
| 71 | -1 | -23 | -24 | 4 | 24 | 31 | 42 | 34 | 21 | 11 | -20 | -11 | |
| 72 | -4 | -30 | -21 | 1 | 25 | 37 | 43 | 36 | 21 | -1 | -11 | -11 | |
| 73 | -14 | -31 | -9 | 4 | 29 | 41 | 38 | 41 | 21 | -11 | -11 | -11 | |
| 74 | -8 | -7 | -7 | -12 | 21 | 41 | 45 | 45 | 27 | 11 | -11 | -11 | |
| 75 | -10 | -37 | -12 | 1 | 31 | 35 | 44 | 44 | 20 | 11 | -11 | -11 | |
| 76 | -13 | -28 | -18 | 5 | 31 | 33 | 42 | 40 | 21 | 11 | -11 | -11 | |
| 77 | -41 | -13 | -14 | 2 | 31 | 39 | 44 | 38 | 22 | 11 | -11 | -11 | |
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PSYCHROMETRIC SUMMARY

73-81

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YEARS

PAGE 1 76CU-7268

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PSYCHROMETRIC SUMMARY

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| 702315 | TATALLIA AFS AK |
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73-81

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| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 26/-29 | 1.1 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 9 | | | | | | | | | | | | | | |
| 30/-31 | 1.1 | | | | | | | | | | | | | | | | | 8 | 9 | 8 | 14 | | | | | | | | | | | | | | |
| 32/-33 | .2 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 11 | | | | | | | | | | | | | | |
| 34/-35 | | | | | | | | | | | | | | | | | | | 6 | | 3 | | | | | | | | | | | | | | |
| 36/-37 | | | | | | | | | | | | | | | | | | | | 3 | 17 | | | | | | | | | | | | | | |
| 38/-39 | | | | | | | | | | | | | | | | | | | | 4 | 16 | | | | | | | | | | | | | | |
| 40/-41 | | | | | | | | | | | | | | | | | | | | 1 | 5 | | | | | | | | | | | | | | |
| 48/-49 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 50/-51 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 55.0 | 41.5 | 3.4 | .1 | | | | | | | | | | | | | | | | 727 | 709 | | | | | | | | | | | | | | |

| Element (X) | Σx^1 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|------------|------------|------------|------------|------------|-------|
| Rel. Hum. | 4038270 | 52744 | 74.4 | 12.719 | 709 | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F | 93 |
| Dry Bulb | 232212 | 3904 | 5.4 | 17.058 | 727 | 32.5 | 91.2 | | | | | 93 |
| Wet Bulb | 197119 | 3987 | 5.6 | 15.708 | 709 | 32.3 | 92.1 | | | | | 93 |
| Dew Point | 229319 | -209 | -0.3 | 17.995 | 709 | 39.1 | 93.0 | | | | | 93 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

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STATION NAME

YEARS

PAGE 1 0300-0500

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. Dry Bulb | | | | TOTAL
Wet Bulb Dew Point | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--|--|--|------------------------------------|--------|--------|--------|--------|--------|--|--|--|--|-------|-----------------------------|----|--|--|-----------------------------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 33 | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | |
| 34/ 37 | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | |
| 32/ 35 | | | | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | | | | | |
| 34/ 33 | | | .9 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | | | | | | |
| 32/ 31 | | | 1.3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | | | | | | |
| 30/ 29 | | .4 | 1.9 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | | | | | | |
| 28/ 27 | | .3 | 2.7 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | |
| 26/ 25 | | .7 | 1.2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | | | | | | |
| 24/ 23 | | .5 | 2.4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | | | | | | |
| 22/ 21 | | 1.3 | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | 26 | | | | | | |
| 20/ 19 | | 1.3 | 3.6 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 40 | | | | | | |
| 18/ 17 | | 1.6 | 2.8 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 40 | | | | | | |
| 14/ 15 | | 2.3 | 3.5 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | | | | | | |
| 14/ 13 | | 3.2 | 2.8 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 46 | 46 | | | | | | |
| 12/ 11 | | 2.7 | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 50 | | | | | | |
| 10/ 9 | | 2.1 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | 34 | | | | | | |
| 8/ 7 | | 2.3 | 2.4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | 36 | | | | | | |
| 6/ 5 | | 1.1 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | | | | | | |
| 4/ 3 | | 1.3 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | | | | | |
| 2/ 1 | | 2.9 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | | | | | | |
| 0/ -1 | | 2.8 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | 27 | | | | | | |
| -2/ -3 | | 2.8 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | | | | | | |
| -4/ -5 | | 4.5 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | | | | | | |
| -6/ -7 | | 2.1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | | | | | | |
| -8/ -9 | | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | | | | | | |
| -10/-11 | | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | | | | | |
| -12/-13 | | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | | | | | | |
| -14/-15 | | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 13 | | | | | | |
| -16/-17 | | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | | | | | |
| -18/-19 | | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | | | | | | |
| -20/-21 | | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | | | | | |
| -22/-23 | | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | | | | | | |
| -24/-25 | | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | | | | | | |
| -26/-27 | | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 12 | | | | | | |
| Element (X) | Σ x ² | | | | Σ x | | | | Σ | | | | Σ x | | | | No. Obs. | | | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

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| 7-2345 | TATALINA AFS AK |
| STATION | STA |

73-51

JAN

PAGE 2 7300-1500

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|---------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Pt. | | | | | | | | | | | | | | | | |
| -20/-29 | 1.6 | | | | | | | | | | | | | | | | | 12 | 13 | 12 | 7 | | | | | | | | | | | | | | | | |
| -21/-31 | .9 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 11 | | | | | | | | | | | | | | | | |
| -32/-33 | .9 | | | | | | | | | | | | | | | | | 7 | 3 | 7 | 21 | | | | | | | | | | | | | | | | |
| -34/-35 | | | | | | | | | | | | | | | | | | | 7 | | 6 | | | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 7 | | 13 | | | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | 3 | | 16 | | | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | 3 | | 10 | | | | | | | | | | | | | | | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | 1 | | 2 | | | | | | | | | | | | | | | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| -46/-47 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| -48/-49 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| -50/-51 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| TOTAL | 56.3 | 38.9 | 3.7 | .7 | | | | | | | | | | | | | | 752 | 754 | 752 | 752 | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

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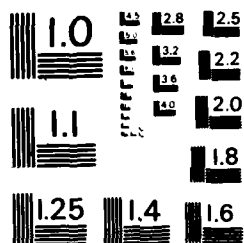
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702315 TATALINA AFS AK

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -26/-27 | 1.4 | | | | | | | | | | | | | | | | | 75 | 81 | 75 | 61 | | | | | | | | | | | | | | |
| -28/-29 | 1.1 | | | | | | | | | | | | | | | | | 59 | 62 | 59 | 93 | | | | | | | | | | | | | | |
| -30/-31 | .9 | | | | | | | | | | | | | | | | | 49 | 53 | 49 | 61 | | | | | | | | | | | | | | |
| -32/-33 | .7 | | | | | | | | | | | | | | | | | 37 | 39 | 37 | 112 | | | | | | | | | | | | | | |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | 6 | 38 | 6 | 59 | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 34 | | 102 | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | 24 | | 74 | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | 27 | | 43 | | | | | | | | | | | | | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | 1 | | 15 | | | | | | | | | | | | | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | 1 | | 12 | | | | | | | | | | | | | | |
| -46/-47 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | | | |
| -48/-49 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | |
| -50/-51 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| -52/-53 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| -54/-55 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| -56/-57 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| -58/-59 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| -60/-61 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 54.5 | 41.1 | 3.9 | .4 | .1 | | | | | | | | | | | | | 5302 | 5445 | 5302 | 5302 | | | | | | | | | | | | | | |

| Element (X) | Σ x' | Σ x | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|----------|--------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 30271885 | 394267 | 74.4 | 13.411 | 5302 | ≤ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | 1825252 | 29994 | 5.5 | 17.462 | 5445 | 251.3 | 726.0 | | | | | 744 |
| Wet Bulb | 1516744 | 31564 | 6.0 | 15.833 | 5302 | 242.5 | 735.7 | | | | | 744 |
| Dew Point | 1789536 | 86 | .018 | 3.73 | 5302 | 309.6 | 743.7 | | | | | 744 |

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HOURS S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|----|-----------|----------|----------|-----------|----|--|--|--|------------------------------------|--|--------|--|--------|--|--------|--|--------|--|--------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | .2 | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | .3 | .2 | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | .6 | | | .3 | | | | | | | | | | | | | | 6 | 6 | 3 | | | | | | | | | | | | | | | | | | |
| 36/ 35 | .2 | | .5 | | | | | | | | | | | | | | | | 4 | 4 | 6 | 1 | | | | | | | | | | | | | | | | | |
| 34/ 33 | .6 | .2 | .8 | .3 | | | | | | | | | | | | | | | 12 | 12 | 4 | 5 | | | | | | | | | | | | | | | | | |
| 32/ 31 | .8 | .8 | .6 | .2 | | | | | | | | | | | | | | | 15 | 16 | 14 | 11 | | | | | | | | | | | | | | | | | |
| 30/ 29 | .3 | 1.1 | .9 | | | | | | | | | | | | | | | | 15 | 15 | 12 | 5 | | | | | | | | | | | | | | | | | |
| 28/ 27 | .6 | 2.7 | .3 | | | | | | | | | | | | | | | | 24 | 24 | 24 | 3 | | | | | | | | | | | | | | | | | |
| 26/ 25 | .5 | 2.4 | | | | | | | | | | | | | | | | | 19 | 19 | 23 | 16 | | | | | | | | | | | | | | | | | |
| 24/ 23 | | .3 | | | | | | | | | | | | | | | | | 2 | 2 | 14 | 11 | | | | | | | | | | | | | | | | | |
| 22/ 21 | 1.2 | 1.1 | | | | | | | | | | | | | | | | | 15 | 15 | 12 | 20 | | | | | | | | | | | | | | | | | |
| 20/ 19 | 1.5 | 2.4 | | | | | | | | | | | | | | | | | 26 | 26 | 22 | 32 | | | | | | | | | | | | | | | | | |
| 18/ 17 | .6 | 3.8 | | | | | | | | | | | | | | | | | 29 | 29 | 19 | 16 | | | | | | | | | | | | | | | | | |
| 16/ 15 | .3 | 3.2 | | | | | | | | | | | | | | | | | 23 | 23 | 27 | 15 | | | | | | | | | | | | | | | | | |
| 14/ 13 | .8 | 2.6 | | | | | | | | | | | | | | | | | 22 | 22 | 28 | 16 | | | | | | | | | | | | | | | | | |
| 12/ 11 | 1.8 | 1.5 | | | | | | | | | | | | | | | | | 22 | 22 | 23 | 22 | | | | | | | | | | | | | | | | | |
| 10/ 9 | .9 | 2.3 | | | | | | | | | | | | | | | | | 21 | 21 | 18 | 32 | | | | | | | | | | | | | | | | | |
| 8/ 7 | 1.1 | 2.7 | | | | | | | | | | | | | | | | | 25 | 25 | 26 | 24 | | | | | | | | | | | | | | | | | |
| 6/ 5 | 1.2 | 1.7 | | | | | | | | | | | | | | | | | 19 | 19 | 25 | 14 | | | | | | | | | | | | | | | | | |
| 4/ 3 | .2 | 1.7 | | | | | | | | | | | | | | | | | 12 | 12 | 11 | 13 | | | | | | | | | | | | | | | | | |
| 2/ 1 | 3.2 | 1.1 | | | | | | | | | | | | | | | | | 28 | 28 | 30 | 17 | | | | | | | | | | | | | | | | | |
| 0/ -1 | 2.4 | .2 | | | | | | | | | | | | | | | | | 17 | 17 | 18 | 24 | | | | | | | | | | | | | | | | | |
| -2/ -3 | 4.2 | .2 | | | | | | | | | | | | | | | | | 29 | 29 | 29 | 27 | | | | | | | | | | | | | | | | | |
| -4/ -5 | 5.9 | | | | | | | | | | | | | | | | | | 39 | 39 | 40 | 19 | | | | | | | | | | | | | | | | | |
| -6/ -7 | 4.7 | .5 | | | | | | | | | | | | | | | | | 34 | 34 | 32 | 25 | | | | | | | | | | | | | | | | | |
| -8/ -9 | 2.4 | | | | | | | | | | | | | | | | | | 16 | 16 | 18 | 28 | | | | | | | | | | | | | | | | | |
| -10/-11 | 3.0 | | | | | | | | | | | | | | | | | | 20 | 20 | 20 | 25 | | | | | | | | | | | | | | | | | |
| -12/-13 | 3.3 | | | | | | | | | | | | | | | | | | 22 | 22 | 22 | 15 | | | | | | | | | | | | | | | | | |
| -14/-15 | 3.2 | | | | | | | | | | | | | | | | | | 21 | 21 | 21 | 17 | | | | | | | | | | | | | | | | | |
| -16/-17 | 3.2 | | | | | | | | | | | | | | | | | | 21 | 21 | 21 | 28 | | | | | | | | | | | | | | | | | |
| -18/-19 | 3.0 | | | | | | | | | | | | | | | | | | 20 | 20 | 20 | 17 | | | | | | | | | | | | | | | | | |
| -20/-21 | 3.3 | | | | | | | | | | | | | | | | | | 22 | 22 | 22 | 23 | | | | | | | | | | | | | | | | | |
| -22/-23 | 2.3 | | | | | | | | | | | | | | | | | | 15 | 15 | 15 | 15 | | | | | | | | | | | | | | | | | |
| -24/-25 | 1.2 | | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 19 | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ¹ | | | | | Σ X | | | | | Σ | | | | | Σ _A | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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TATALINA AFS AK
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HOURS

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|------------|------|-----------|----------|----------|-----------|--|--|--|--|------------------------------------|--|--|--|--|--|-------|----|-------|----|--|--|--|--|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | |
| 40/ 39 | | .1 | .4 | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | 4 | 4 | 1 | | | | | | | | |
| 38/ 37 | | .3 | | .3 | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | 4 | 4 | 2 | | | | | | | | |
| 36/ 35 | | .1 | .1 | .6 | | | | | | | | | | | | | | 6 | 6 | | | | | | | | | | | | | 6 | 6 | 4 | | | | | | | | |
| 34/ 33 | .4 | .1 | .6 | .1 | | | | | | | | | | | | | | 9 | 9 | | | | | | | | | | | | | 9 | 9 | 6 | 5 | | | | | | | |
| 32/ 31 | .8 | .3 | .6 | .3 | | | | | | | | | | | | | | 14 | 14 | | | | | | | | | | | | | 14 | 14 | 10 | 10 | | | | | | | |
| 30/ 29 | 1.0 | 1.3 | .6 | | | | | | | | | | | | | | | 20 | 20 | | | | | | | | | | | | | 20 | 20 | 19 | 5 | | | | | | | |
| 28/ 27 | .4 | 1.1 | .3 | | | | | | | | | | | | | | | 13 | 14 | | | | | | | | | | | | | 13 | 14 | 18 | 10 | | | | | | | |
| 26/ 25 | 1.0 | 3.0 | .3 | | | | | | | | | | | | | | | 30 | 30 | | | | | | | | | | | | | 30 | 30 | 23 | 11 | | | | | | | |
| 24/ 23 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | 2 | 2 | 20 | 10 | | | | | | | |
| 22/ 21 | 1.5 | 1.0 | | | | | | | | | | | | | | | | 18 | 18 | | | | | | | | | | | | | 18 | 18 | 15 | 31 | | | | | | | |
| 20/ 19 | 2.0 | 1.4 | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | 24 | 24 | 19 | 27 | | | | | | | |
| 18/ 17 | .4 | 2.8 | | | | | | | | | | | | | | | | 23 | 23 | | | | | | | | | | | | | 23 | 23 | 19 | 16 | | | | | | | |
| 16/ 15 | .7 | 2.8 | | | | | | | | | | | | | | | | 25 | 25 | | | | | | | | | | | | | 25 | 25 | 24 | 14 | | | | | | | |
| 14/ 13 | 1.0 | 3.4 | | | | | | | | | | | | | | | | 31 | 31 | | | | | | | | | | | | | 31 | 31 | 35 | 14 | | | | | | | |
| 12/ 11 | 1.7 | 1.4 | | | | | | | | | | | | | | | | 22 | 22 | | | | | | | | | | | | | 22 | 22 | 26 | 23 | | | | | | | |
| 10/ 9 | .4 | 2.3 | | | | | | | | | | | | | | | | 19 | 19 | | | | | | | | | | | | | 19 | 19 | 18 | 33 | | | | | | | |
| 8/ 7 | .7 | 2.1 | | | | | | | | | | | | | | | | 20 | 20 | | | | | | | | | | | | | 20 | 20 | 20 | 27 | | | | | | | |
| 6/ 5 | .8 | 1.3 | | | | | | | | | | | | | | | | 15 | 15 | | | | | | | | | | | | | 15 | 15 | 18 | 13 | | | | | | | |
| 4/ 3 | 1.5 | 1.5 | | | | | | | | | | | | | | | | 22 | 22 | | | | | | | | | | | | | 22 | 22 | 23 | 17 | | | | | | | |
| 2/ 1 | 3.1 | 1.1 | | | | | | | | | | | | | | | | 30 | 30 | | | | | | | | | | | | | 30 | 30 | 30 | 21 | | | | | | | |
| 0/ -1 | 3.9 | .1 | | | | | | | | | | | | | | | | 29 | 29 | | | | | | | | | | | | | 29 | 29 | 30 | 17 | | | | | | | |
| -2/ -3 | 2.5 | .4 | | | | | | | | | | | | | | | | 21 | 21 | | | | | | | | | | | | | 21 | 21 | 21 | 27 | | | | | | | |
| -4/ -5 | 5.6 | .1 | | | | | | | | | | | | | | | | 41 | 41 | | | | | | | | | | | | | 41 | 41 | 42 | 28 | | | | | | | |
| -6/ -7 | 5.6 | .3 | | | | | | | | | | | | | | | | 42 | 42 | | | | | | | | | | | | | 42 | 42 | 40 | 25 | | | | | | | |
| -8/ -9 | 3.0 | | | | | | | | | | | | | | | | | 21 | 21 | | | | | | | | | | | | | 21 | 21 | 23 | 31 | | | | | | | |
| -10/-11 | 3.4 | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | 24 | 24 | 24 | 19 | | | | | | | |
| -12/-13 | 2.0 | | | | | | | | | | | | | | | | | 14 | 14 | | | | | | | | | | | | | 14 | 14 | 14 | 20 | | | | | | | |
| -14/-15 | 2.3 | | | | | | | | | | | | | | | | | 16 | 16 | | | | | | | | | | | | | 16 | 16 | 16 | 28 | | | | | | | |
| -16/-17 | 4.5 | | | | | | | | | | | | | | | | | 32 | 32 | | | | | | | | | | | | | 32 | 32 | 32 | 28 | | | | | | | |
| -18/-19 | 4.6 | | | | | | | | | | | | | | | | | 33 | 33 | | | | | | | | | | | | | 33 | 33 | 33 | 22 | | | | | | | |
| -20/-21 | 3.0 | | | | | | | | | | | | | | | | | 21 | 21 | | | | | | | | | | | | | 21 | 21 | 21 | 19 | | | | | | | |
| -22/-23 | 2.3 | | | | | | | | | | | | | | | | | 16 | 16 | | | | | | | | | | | | | 16 | 16 | 16 | 14 | | | | | | | |
| -24/-25 | 1.5 | | | | | | | | | | | | | | | | | 11 | 11 | | | | | | | | | | | | | 11 | 11 | 11 | 28 | | | | | | | |
| Element (X) | ΣX^2 | | | | | ΣX | | | | | \bar{X} | | | | | σ_x | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

702315
STATION

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PSYCHROMETRIC SUMMARY

73,75-81

JAF

PAGE 2 2100-2300

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|-------|--|--|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | |
| -32/-33 | 0.2 | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 | | | | | | | | | | | | | | | | | |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| TOTAL | 51.6 | 45.8 | 2.7 | | | | | | | | | | | | | | | | 448 | 448 | 448 | 448 | | | | | | | | | | | | | | | | | |
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USAFETAC 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUN 71

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

FEB

STATION

STATION NAME

YEARS

MANIT

PAGE 1

0600-0800

000000-0000

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 44/ 43 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 42/ 41 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 38/ 37 | | .3 | | .3 | | | | | | | | | | | | | | 4 | 5 | 2 | | | | | | | | | | | | | | | |
| 36/ 35 | | .1 | .4 | .1 | | | | | | | | | | | | | | 5 | 5 | 3 | | | | | | | | | | | | | | | |
| 34/ 33 | .4 | .4 | .7 | | | | | | | | | | | | | | | 11 | 11 | 5 | 4 | | | | | | | | | | | | | | |
| 32/ 31 | .3 | 1.1 | 1.1 | | | | | | | | | | | | | | | 18 | 18 | 12 | 9 | | | | | | | | | | | | | | |
| 30/ 29 | .4 | .7 | .1 | | | | | | | | | | | | | | | 9 | 9 | 17 | 10 | | | | | | | | | | | | | | |
| 28/ 27 | .7 | 1.0 | .4 | | | | | | | | | | | | | | | 15 | 15 | 16 | 8 | | | | | | | | | | | | | | |
| 26/ 25 | .5 | 1.9 | .3 | | | | | | | | | | | | | | | 20 | 20 | 15 | 8 | | | | | | | | | | | | | | |
| 24/ 23 | .4 | 1.9 | | | | | | | | | | | | | | | | 17 | 17 | 25 | 12 | | | | | | | | | | | | | | |
| 22/ 21 | 1.4 | 1.0 | | | | | | | | | | | | | | | | 17 | 17 | 18 | 22 | | | | | | | | | | | | | | |
| 20/ 19 | 2.1 | 1.8 | | | | | | | | | | | | | | | | 28 | 28 | 22 | 34 | | | | | | | | | | | | | | |
| 18/ 17 | .1 | 1.8 | | | | | | | | | | | | | | | | 14 | 14 | 15 | 15 | | | | | | | | | | | | | | |
| 16/ 15 | 1.4 | 3.1 | | | | | | | | | | | | | | | | 33 | 33 | 26 | 19 | | | | | | | | | | | | | | |
| 14/ 13 | 1.2 | 3.0 | | | | | | | | | | | | | | | | 31 | 31 | 35 | 15 | | | | | | | | | | | | | | |
| 12/ 11 | .7 | 2.2 | | | | | | | | | | | | | | | | 21 | 21 | 28 | 19 | | | | | | | | | | | | | | |
| 10/ 9 | 1.0 | 2.6 | | | | | | | | | | | | | | | | 26 | 26 | 19 | 37 | | | | | | | | | | | | | | |
| 8/ 7 | .1 | 2.7 | | | | | | | | | | | | | | | | 21 | 21 | 27 | 25 | | | | | | | | | | | | | | |
| 6/ 5 | .8 | .7 | | | | | | | | | | | | | | | | 11 | 11 | 15 | 13 | | | | | | | | | | | | | | |
| 4/ 3 | .7 | .8 | | | | | | | | | | | | | | | | 11 | 11 | 12 | 19 | | | | | | | | | | | | | | |
| 2/ 1 | 4.1 | .8 | | | | | | | | | | | | | | | | 36 | 36 | 35 | 24 | | | | | | | | | | | | | | |
| 0/ -1 | 3.6 | .4 | | | | | | | | | | | | | | | | 29 | 29 | 29 | 21 | | | | | | | | | | | | | | |
| -2/ -3 | 2.6 | 1.2 | | | | | | | | | | | | | | | | 28 | 28 | 28 | 15 | | | | | | | | | | | | | | |
| -4/ -5 | 4.0 | .5 | | | | | | | | | | | | | | | | 33 | 33 | 34 | 27 | | | | | | | | | | | | | | |
| -6/ -7 | 5.6 | .3 | | | | | | | | | | | | | | | | 43 | 43 | 44 | 28 | | | | | | | | | | | | | | |
| -8/ -9 | 4.5 | | | | | | | | | | | | | | | | | 33 | 33 | 34 | 30 | | | | | | | | | | | | | | |
| -10/ -11 | 2.7 | | | | | | | | | | | | | | | | | 20 | 20 | 20 | 16 | | | | | | | | | | | | | | |
| -12/ -13 | 2.1 | | | | | | | | | | | | | | | | | 15 | 15 | 15 | 14 | | | | | | | | | | | | | | |
| -14/ -15 | 3.0 | | | | | | | | | | | | | | | | | 22 | 22 | 22 | 43 | | | | | | | | | | | | | | |
| -16/ -17 | 3.0 | | | | | | | | | | | | | | | | | 22 | 22 | 22 | 31 | | | | | | | | | | | | | | |
| -18/ -19 | 4.7 | | | | | | | | | | | | | | | | | 34 | 34 | 34 | 19 | | | | | | | | | | | | | | |
| -20/ -21 | 3.4 | | | | | | | | | | | | | | | | | 25 | 25 | 25 | 22 | | | | | | | | | | | | | | |
| -22/ -23 | 2.7 | | | | | | | | | | | | | | | | | 20 | 20 | 20 | 23 | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X | | Σ X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

772315
STATION

TATALINA AFS AK

73-81

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PAGE 2 0600-0800

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PSYCHROMETRIC SUMMARY

73-81

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PSYCHROMETRIC SUMMARY

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| <u>702315</u> | <u>TATALINA AFS AK</u> |
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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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| <u>702315</u> | <u>TATALINA AFS AK</u> |
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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| -24/-25 | .5 | | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 12 | | | | | | | | | | | | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | |
| -30/-31 | .4 | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 9 | | | | | | | | | | | | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | |
| TOTAL | 42.9 | 47.2 | 8.8 | .8 | .3 | | | | | | | | | | | | | | 735 | 738 | 735 | 735 | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

FEB

| STATION | STATION NAME |
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YEARS

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PAGE 1 1500-1700
HOURS - S. T.

HOURS: 9, 5, 7.

[illegible]

PSYCHROMETRIC SUMMARY

702315
STATION

TATALINA AFS AK

73-81

FEB

PAGE 2 1500-1700
HQUS S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73,75,78-81

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS U.S. M.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 46/ 45 | | | | .5 | | | | | | | | | | | | | | | 2 | 2 | | | | |
| 44/ 43 | | | .3 | | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 40/ 39 | | | .5 | | | | | | | | | | | | | | | | 2 | 2 | 3 | | | |
| 38/ 37 | | 1.0 | | .8 | | | | | | | | | | | | | | | 7 | 7 | 1 | | | |
| 36/ 35 | | 1.0 | 1.8 | 1.0 | | | | | | | | | | | | | | | 15 | 15 | 5 | | | |
| 34/ 33 | .3 | .3 | 1.3 | | | | | | | | | | | | | | | | 7 | 7 | 5 | | | |
| 32/ 31 | .5 | 2.3 | 1.0 | | | | | | | | | | | | | | | | 15 | 15 | 16 | | | |
| 30/ 29 | 1.3 | 1.0 | 1.8 | | | | | | | | | | | | | | | | 16 | 16 | 23 | | | |
| 28/ 27 | | 1.5 | 1.3 | | | | | | | | | | | | | | | | 9 | 9 | 8 | | | |
| 26/ 25 | .8 | 1.0 | .8 | | | | | | | | | | | | | | | | 10 | 10 | 12 | | | |
| 24/ 23 | 1.3 | 1.3 | .8 | | | | | | | | | | | | | | | | 13 | 13 | 16 | | | |
| 22/ 21 | 2.8 | 1.5 | 1.3 | | | | | | | | | | | | | | | | 22 | 22 | 21 | | | |
| 20/ 19 | 2.3 | 4.3 | | | | | | | | | | | | | | | | | 26 | 26 | 23 | | | |
| 18/ 17 | 1.8 | 2.5 | .3 | | | | | | | | | | | | | | | | 18 | 18 | 23 | | | |
| 16/ 15 | .5 | 2.3 | | | | | | | | | | | | | | | | | 11 | 11 | 12 | | | |
| 14/ 13 | | 1.8 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | | | |
| 12/ 11 | .5 | 1.5 | .3 | | | | | | | | | | | | | | | | 9 | 9 | 8 | | | |
| 10/ 9 | .5 | 2.3 | .3 | | | | | | | | | | | | | | | | 12 | 12 | 13 | | | |
| 8/ 7 | | 2.3 | | | | | | | | | | | | | | | | | 9 | 9 | 11 | | | |
| 6/ 5 | | 2.3 | | | | | | | | | | | | | | | | | 9 | 9 | 10 | | | |
| 4/ 3 | 1.0 | 2.8 | | | | | | | | | | | | | | | | | 15 | 15 | 15 | | | |
| 2/ 1 | 3.8 | 3.0 | | | | | | | | | | | | | | | | | 27 | 27 | 25 | | | |
| 0/ -1 | 3.0 | | | | | | | | | | | | | | | | | | 12 | 12 | 17 | | | |
| -2/ -3 | 1.5 | .5 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | | | |
| -4/ -5 | 2.5 | .3 | | | | | | | | | | | | | | | | | 11 | 11 | 10 | | | |
| -6/ -7 | 3.8 | | | | | | | | | | | | | | | | | | 15 | 15 | 16 | | | |
| -8/ -9 | 4.1 | | | | | | | | | | | | | | | | | | 16 | 16 | 16 | | | |
| -10/ -11 | 3.3 | | | | | | | | | | | | | | | | | | 13 | 13 | 13 | | | |
| -12/ -13 | 2.0 | | | | | | | | | | | | | | | | | | 8 | 8 | 8 | | | |
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| -20/ -21 | 1.8 | | | | | | | | | | | | | | | | | | 7 | 7 | 7 | | | |
| -22/ -23 | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X | | X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≤ 67 F | | ≤ 73 F | | ≤ 80 F | | ≤ 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
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USAFETAC FORM 0-26-3 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

FEB

PAGE ? 1800-2700

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| -24/-25 | .8 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 5 | | | | | | | | | | | | | | | | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| -28/-29 | .5 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 | | | | | | | | | | | | | | | | |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| -32/-33 | .3 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 | | | | | | | | | | | | | | | | |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
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| TOTAL | 57.1 | 36.2 | 11.4 | 2.3 | | | | | | | | | | | | | | 395 | 395 | 395 | 395 | | | | | | | | | | | | | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73,76-81

FFB

STATION

STATION NAME

YEARS

PAGE 1 2100-2100

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|-------|----|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 46/ 45 | | | | .3 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | | | |
| 44/ 43 | | | .3 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | | |
| 42/ 41 | | | .3 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 38/ 37 | | 1.0 | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | 4 | | | | |
| 36/ 35 | .5 | .8 | .3 | 1.8 | | | | | | | | | | | | | | 13 | 13 | | | | | | | | | | | | 7 | | | | |
| 34/ 33 | .5 | .8 | 1.0 | .5 | | | | | | | | | | | | | | 11 | 11 | | | | | | | | | | | | 4 | | 9 | | |
| 32/ 31 | | 1.5 | 1.3 | | | | | | | | | | | | | | | 11 | 11 | | | | | | | | | | | | 6 | | 5 | | |
| 30/ 29 | .3 | 1.5 | 1.0 | | | | | | | | | | | | | | | 11 | 11 | | | | | | | | | | | | 21 | | 3 | | |
| 28/ 27 | .5 | 2.3 | .8 | | | | | | | | | | | | | | | 14 | 14 | | | | | | | | | | | | 16 | | 2 | | |
| 26/ 25 | .3 | 3.5 | | | | | | | | | | | | | | | | 15 | 15 | | | | | | | | | | | | 13 | | 15 | | |
| 24/ 23 | 1.3 | .5 | .3 | | | | | | | | | | | | | | | 8 | 8 | | | | | | | | | | | | 18 | | 10 | | |
| 22/ 21 | 1.5 | 2.3 | .3 | | | | | | | | | | | | | | | 16 | 16 | | | | | | | | | | | | 12 | | 23 | | |
| 20/ 19 | 2.0 | 4.0 | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | 17 | | 18 | | |
| 18/ 17 | 1.3 | 3.3 | | | | | | | | | | | | | | | | 16 | 16 | | | | | | | | | | | | 21 | | 13 | | |
| 16/ 15 | 1.3 | 3.0 | | | | | | | | | | | | | | | | 17 | 17 | | | | | | | | | | | | 23 | | 19 | | |
| 14/ 13 | .5 | .8 | | | | | | | | | | | | | | | | 5 | 5 | | | | | | | | | | | | 7 | | 19 | | |
| 12/ 11 | 1.3 | 1.5 | | | | | | | | | | | | | | | | 11 | 11 | | | | | | | | | | | | 9 | | 16 | | |
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| 6/ 5 | .8 | 1.3 | | | | | | | | | | | | | | | | 8 | 9 | | | | | | | | | | | | 10 | | 2 | | |
| 4/ 3 | .3 | .5 | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | 5 | | 7 | | |
| 2/ 1 | 1.8 | 3.0 | | | | | | | | | | | | | | | | 19 | 19 | | | | | | | | | | | | 16 | | 16 | | |
| 0/ -1 | 4.3 | .8 | | | | | | | | | | | | | | | | 20 | 20 | | | | | | | | | | | | 20 | | 8 | | |
| -2/ -3 | 3.3 | | | | | | | | | | | | | | | | | 13 | 13 | | | | | | | | | | | | 16 | | 8 | | |
| -4/ -5 | 4.3 | .3 | | | | | | | | | | | | | | | | 18 | 18 | | | | | | | | | | | | 17 | | 18 | | |
| -6/ -7 | 2.5 | | | | | | | | | | | | | | | | | 10 | 10 | | | | | | | | | | | | 11 | | 11 | | |
| -8/ -9 | 2.0 | | | | | | | | | | | | | | | | | 8 | 8 | | | | | | | | | | | | 8 | | 19 | | |
| -10/-11 | 3.3 | | | | | | | | | | | | | | | | | 13 | 13 | | | | | | | | | | | | 13 | | 12 | | |
| -12/-13 | 3.0 | | | | | | | | | | | | | | | | | 12 | 12 | | | | | | | | | | | | 12 | | 7 | | |
| -14/-15 | 5.8 | | | | | | | | | | | | | | | | | 23 | 23 | | | | | | | | | | | | 23 | | 9 | | |
| -16/-17 | 2.0 | | | | | | | | | | | | | | | | | 8 | 9 | | | | | | | | | | | | 8 | | 5 | | |
| -18/-19 | 3.3 | | | | | | | | | | | | | | | | | 13 | 13 | | | | | | | | | | | | 13 | | 19 | | |
| -20/-21 | 3.3 | | | | | | | | | | | | | | | | | 13 | 13 | | | | | | | | | | | | 13 | | 12 | | |
| Element (X) | Σ x ² | | Σ x | | Σ | | Σ n | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | | | | | | | | | Total | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

PSYCHROMETRIC SUMMARY

702325
STATION

TATALINA AFS AK

73, 76-81

FF3

PAGE 2 2170-2300

[illegible]

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

FFB

STATION

STATION NAME

YEARS

PAGE 1

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PSYCHROMETRIC SUMMARY

73-81

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|---|--|---|--|---|--|---|--|---|-------|---|-------|---|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 34/ 37 | | | | .9 | | | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | | | |
| 35/ 35 | .4 | .1 | .4 | .1 | | | | | | | | | | | | | | 8 | 8 | 3 | 2 | | | | | | | | | | | | | | | |
| 34/ 33 | .4 | .8 | 1.2 | | | | | | | | | | | | | | | 18 | 18 | 6 | 3 | | | | | | | | | | | | | | | |
| 32/ 31 | .3 | 2.3 | 2.3 | 1.1 | | | | | | | | | | | | | | 44 | 45 | 22 | 4 | | | | | | | | | | | | | | | |
| 30/ 29 | .5 | 3.2 | 2.8 | | | | | | | | | | | | | | | 49 | 49 | 33 | 10 | | | | | | | | | | | | | | | |
| 28/ 27 | 1.3 | 1.7 | 2.0 | | | | | | | | | | | | | | | 38 | 38 | 57 | 16 | | | | | | | | | | | | | | | |
| 26/ 25 | .7 | 4.3 | 1.1 | | | | | | | | | | | | | | | 45 | 45 | 50 | 39 | | | | | | | | | | | | | | | |
| 24/ 23 | .1 | 3.6 | .4 | | | | | | | | | | | | | | | 31 | 31 | 48 | 19 | | | | | | | | | | | | | | | |
| 22/ 21 | .7 | 2.7 | .4 | | | | | | | | | | | | | | | 28 | 28 | 36 | 33 | | | | | | | | | | | | | | | |
| 20/ 19 | 1.3 | 5.4 | .5 | | | | | | | | | | | | | | | 54 | 54 | 32 | 65 | | | | | | | | | | | | | | | |
| 18/ 17 | .4 | 3.1 | .4 | | | | | | | | | | | | | | | 29 | 29 | 41 | 44 | | | | | | | | | | | | | | | |
| 16/ 15 | .1 | 3.7 | .1 | | | | | | | | | | | | | | | 30 | 30 | 32 | 40 | | | | | | | | | | | | | | | |
| 14/ 13 | .7 | 4.7 | | | | | | | | | | | | | | | | 40 | 40 | 30 | 36 | | | | | | | | | | | | | | | |
| 12/ 11 | .9 | 2.9 | .1 | | | | | | | | | | | | | | | 30 | 30 | 45 | 25 | | | | | | | | | | | | | | | |
| 10/ 9 | 1.9 | 2.4 | | | | | | | | | | | | | | | | 32 | 32 | 36 | 31 | | | | | | | | | | | | | | | |
| 8/ 7 | .8 | 3.2 | | | | | | | | | | | | | | | | 30 | 30 | 27 | 32 | | | | | | | | | | | | | | | |
| 6/ 5 | .3 | 4.4 | | | | | | | | | | | | | | | | 35 | 35 | 39 | 33 | | | | | | | | | | | | | | | |
| 4/ 3 | 1.3 | 2.5 | | | | | | | | | | | | | | | | 29 | 29 | 32 | 33 | | | | | | | | | | | | | | | |
| 2/ 1 | 1.3 | 3.3 | | | | | | | | | | | | | | | | 35 | 35 | 31 | 37 | | | | | | | | | | | | | | | |
| 0/ -1 | 3.3 | .3 | | | | | | | | | | | | | | | | 27 | 27 | 37 | 29 | | | | | | | | | | | | | | | |
| -2/ -3 | 2.5 | .5 | | | | | | | | | | | | | | | | 23 | 23 | 23 | 25 | | | | | | | | | | | | | | | |
| -4/ -5 | 2.8 | .4 | | | | | | | | | | | | | | | | 24 | 24 | 23 | 40 | | | | | | | | | | | | | | | |
| -6/ -7 | 1.6 | | | | | | | | | | | | | | | | | 12 | 12 | 15 | 26 | | | | | | | | | | | | | | | |
| -8/ -9 | 1.2 | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 21 | | | | | | | | | | | | | | | |
| -10/ -11 | 1.3 | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 29 | | | | | | | | | | | | | | | |
| -12/ -13 | .8 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 14 | | | | | | | | | | | | | | | |
| -14/ -15 | .3 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 8 | | | | | | | | | | | | | | | |
| -16/ -17 | 1.1 | | | | | | | | | | | | | | | | | 9 | 8 | 8 | 10 | | | | | | | | | | | | | | | |
| -18/ -19 | .7 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 14 | | | | | | | | | | | | | | | |
| -20/ -21 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 10 | | | | | | | | | | | | | | | |
| -22/ -23 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 6 | | | | | | | | | | | | | | | |
| -24/ -25 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 | | | | | | | | | | | | | | | |
| -26/ -29 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| -30/ -31 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | |
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| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 40/ 39 | | | | .4 | .1 | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | .5 | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 36/ 35 | .2 | .1 | | .2 | | | | | | | | | | | | | | 5 | 5 | 2 | | | | | | | | | | | | | | | |
| 34/ 33 | .2 | 1.1 | .7 | | | | | | | | | | | | | | | 17 | 17 | 7 | 3 | | | | | | | | | | | | | | |
| 32/ 31 | 1.2 | 2.2 | 2.8 | | | | | | | | | | | | | | | 53 | 53 | 26 | 15 | | | | | | | | | | | | | | |
| 30/ 29 | .7 | 1.7 | 1.0 | | | | | | | | | | | | | | | 28 | 29 | 32 | 16 | | | | | | | | | | | | | | |
| 28/ 27 | 1.1 | 2.8 | 1.1 | | | | | | | | | | | | | | | 41 | 41 | 53 | 15 | | | | | | | | | | | | | | |
| 26/ 25 | 1.2 | 3.9 | .7 | | | | | | | | | | | | | | | 48 | 48 | 43 | 25 | | | | | | | | | | | | | | |
| 24/ 23 | .4 | 1.7 | .2 | | | | | | | | | | | | | | | 19 | 19 | 44 | 25 | | | | | | | | | | | | | | |
| 22/ 21 | 1.2 | 3.5 | .1 | | | | | | | | | | | | | | | 40 | 40 | 40 | 26 | | | | | | | | | | | | | | |
| 20/ 19 | 1.5 | 4.4 | .1 | | | | | | | | | | | | | | | 49 | 49 | 36 | 68 | | | | | | | | | | | | | | |
| 18/ 17 | 1.0 | 3.4 | | | | | | | | | | | | | | | | 36 | 36 | 41 | 44 | | | | | | | | | | | | | | |
| 16/ 15 | .9 | 4.0 | .1 | | | | | | | | | | | | | | | 41 | 41 | 40 | 39 | | | | | | | | | | | | | | |
| 14/ 13 | .1 | 3.2 | .1 | | | | | | | | | | | | | | | 28 | 29 | 28 | 31 | | | | | | | | | | | | | | |
| 12/ 11 | 1.6 | 4.5 | | | | | | | | | | | | | | | | 50 | 50 | 45 | 30 | | | | | | | | | | | | | | |
| 10/ 9 | 1.0 | 2.3 | | | | | | | | | | | | | | | | 27 | 27 | 41 | 36 | | | | | | | | | | | | | | |
| 8/ 7 | 1.0 | 2.2 | | | | | | | | | | | | | | | | 26 | 26 | 29 | 42 | | | | | | | | | | | | | | |
| 6/ 5 | 1.2 | 2.9 | | | | | | | | | | | | | | | | 34 | 34 | 33 | 24 | | | | | | | | | | | | | | |
| 4/ 3 | 1.7 | 3.5 | | | | | | | | | | | | | | | | 43 | 43 | 41 | 26 | | | | | | | | | | | | | | |
| 2/ 1 | 2.2 | 3.3 | | | | | | | | | | | | | | | | 45 | 45 | 42 | 40 | | | | | | | | | | | | | | |
| 0/ -1 | 3.5 | .6 | | | | | | | | | | | | | | | | 34 | 34 | 44 | 37 | | | | | | | | | | | | | | |
| -2/ -3 | 2.6 | .4 | | | | | | | | | | | | | | | | 24 | 24 | 27 | 31 | | | | | | | | | | | | | | |
| -4/ -5 | 4.0 | | | | | | | | | | | | | | | | | 33 | 33 | 35 | 27 | | | | | | | | | | | | | | |
| -6/ -7 | 3.4 | .1 | | | | | | | | | | | | | | | | 29 | 29 | 28 | 45 | | | | | | | | | | | | | | |
| -8/ -9 | 1.2 | | | | | | | | | | | | | | | | | 10 | 10 | 11 | 32 | | | | | | | | | | | | | | |
| -10/-11 | 2.6 | | | | | | | | | | | | | | | | | 21 | 21 | 21 | 43 | | | | | | | | | | | | | | |
| -12/-13 | .9 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 20 | | | | | | | | | | | | | | |
| -14/-15 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 16 | | | | | | | | | | | | | | |
| -16/-17 | 1.3 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 18 | | | | | | | | | | | | | | |
| -18/-19 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 6 | | | | | | | | | | | | | | |
| -20/-21 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 15 | | | | | | | | | | | | | | |
| -22/-23 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 12 | | | | | | | | | | | | | | |
| -24/-25 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 4 | | | | | | | | | | | | | | |
| -26/-29 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Element (X) | Σ x ² | | Σ x | | x̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-81

MAC

PAGE 2 0300-0500

[illegible]

PSYCHROMETRIC SUMMARY

73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

NO. 45 U. S. P.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 40/ 39 | | | .1 | .5 | .1 | | | | | | | | | | | | | 6 | 6 | | | | | | | | | | | | | | | | |
| 38/ 37 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 36/ 35 | .1 | .1 | | .4 | | | | | | | | | | | | | | 5 | 5 | 2 | | | | | | | | | | | | | | | |
| 34/ 33 | .1 | .8 | .7 | | | | | | | | | | | | | | | 14 | 14 | 9 | 2 | | | | | | | | | | | | | | |
| 32/ 31 | 1.3 | 1.6 | 1.8 | .1 | | | | | | | | | | | | | | 40 | 40 | 20 | 14 | | | | | | | | | | | | | | |
| 30/ 29 | 1.8 | 1.0 | 1.6 | | | | | | | | | | | | | | | 36 | 36 | 36 | 20 | | | | | | | | | | | | | | |
| 28/ 27 | 1.5 | 3.4 | .7 | | | | | | | | | | | | | | | 46 | 46 | 42 | 14 | | | | | | | | | | | | | | |
| 26/ 25 | 1.3 | 4.0 | .4 | | | | | | | | | | | | | | | 47 | 47 | 55 | 30 | | | | | | | | | | | | | | |
| 24/ 23 | .6 | 1.7 | .4 | | | | | | | | | | | | | | | 22 | 22 | 41 | 18 | | | | | | | | | | | | | | |
| 22/ 21 | .7 | 2.5 | | | | | | | | | | | | | | | | 27 | 27 | 25 | 34 | | | | | | | | | | | | | | |
| 20/ 19 | 2.2 | 3.8 | | | | | | | | | | | | | | | | 49 | 49 | 41 | 56 | | | | | | | | | | | | | | |
| 18/ 17 | 1.6 | 3.3 | .1 | | | | | | | | | | | | | | | 41 | 41 | 40 | 39 | | | | | | | | | | | | | | |
| 16/ 15 | .4 | 3.2 | | | | | | | | | | | | | | | | 29 | 29 | 33 | 43 | | | | | | | | | | | | | | |
| 14/ 13 | .8 | 4.2 | | | | | | | | | | | | | | | | 42 | 42 | 36 | 32 | | | | | | | | | | | | | | |
| 12/ 11 | 1.1 | 4.2 | | | | | | | | | | | | | | | | 44 | 44 | 40 | 24 | | | | | | | | | | | | | | |
| 10/ 9 | 1.3 | 2.5 | | | | | | | | | | | | | | | | 32 | 32 | 46 | 35 | | | | | | | | | | | | | | |
| 8/ 7 | 1.3 | 2.4 | | | | | | | | | | | | | | | | 31 | 31 | 31 | 39 | | | | | | | | | | | | | | |
| 6/ 5 | 1.2 | 2.5 | | | | | | | | | | | | | | | | 31 | 31 | 37 | 30 | | | | | | | | | | | | | | |
| 4/ 3 | 1.6 | 2.5 | | | | | | | | | | | | | | | | 34 | 34 | 37 | 28 | | | | | | | | | | | | | | |
| 2/ 1 | 2.4 | 3.3 | | | | | | | | | | | | | | | | 47 | 47 | 42 | 42 | | | | | | | | | | | | | | |
| 0/ -1 | 3.8 | .4 | | | | | | | | | | | | | | | | 34 | 34 | 42 | 33 | | | | | | | | | | | | | | |
| -2/ -3 | 3.4 | .6 | | | | | | | | | | | | | | | | 33 | 33 | 34 | 38 | | | | | | | | | | | | | | |
| -4/ -5 | 3.8 | | | | | | | | | | | | | | | | | 31 | 31 | 33 | 26 | | | | | | | | | | | | | | |
| -6/ -7 | 3.3 | | | | | | | | | | | | | | | | | 27 | 27 | 27 | 44 | | | | | | | | | | | | | | |
| -8/ -9 | 2.5 | | | | | | | | | | | | | | | | | 21 | 21 | 21 | 26 | | | | | | | | | | | | | | |
| -10/-11 | 2.1 | | | | | | | | | | | | | | | | | 17 | 17 | 17 | 37 | | | | | | | | | | | | | | |
| -12/-13 | 1.2 | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 29 | | | | | | | | | | | | | | |
| -14/-15 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 21 | | | | | | | | | | | | | | |
| -16/-17 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 12 | | | | | | | | | | | | | | |
| -18/-19 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 20 | | | | | | | | | | | | | | |
| -20/-21 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 11 | | | | | | | | | | | | | | |
| -22/-23 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 7 | | | | | | | | | | | | | | |
| -24/-25 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 7 | | | | | | | | | | | | | | |
| -26/-27 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

73-81

MAR

PAGE 2 0600-0800

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 TATALINA AFS AK

73-81

MAR

STATION

STATION NAME

YEARS

PAGE 1 0900-1100

HOURS 11 5 1

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|-----|------|------|----------|----------|-----------|--|--|--|--|--------|----|----|--|----|--------|----|-------|--|--|--------|--|--|--|--|--------|--|--|--|--|--------|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | .1 | .4 | | | | | | | | | | | | | 4 | 4 | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | .1 | .4 | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | .1 | .6 | 1.0 | | | | | | | | | | | | | | 14 | 14 | | | | | | | | | 14 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | .2 | 1.5 | .6 | | | | | | | | | | | | | | 19 | 19 | | | | | | | | | 19 | 19 | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | .4 | 2.3 | 1.8 | .4 | | | | | | | | | | | | | | 40 | 40 | | | | | | | | | 40 | 40 | | 16 | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | .6 | 3.3 | 1.9 | .2 | | | | | | | | | | | | | | 50 | 50 | | | | | | | | | 50 | 50 | | 48 | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | .9 | 3.2 | 2.1 | .1 | | | | | | | | | | | | | | 51 | 51 | | | | | | | | | 51 | 51 | | 53 | | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | .7 | 2.8 | 1.0 | | | | | | | | | | | | | | | 37 | 38 | | | | | | | | | 37 | 38 | | 53 | | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | .5 | 2.6 | 1.1 | | | | | | | | | | | | | | | 34 | 34 | | | | | | | | | 34 | 34 | | 41 | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | .2 | 2.1 | .4 | | | | | | | | | | | | | | | 22 | 22 | | | | | | | | | 22 | 22 | | 33 | | 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | .9 | 3.2 | 1.0 | | | | | | | | | | | | | | | 41 | 41 | | | | | | | | | 41 | 41 | | 37 | | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | 1.9 | 3.3 | .9 | | | | | | | | | | | | | | | 50 | 50 | | | | | | | | | 50 | 50 | | 48 | | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | .1 | 4.0 | .5 | | | | | | | | | | | | | | | 38 | 38 | | | | | | | | | 38 | 38 | | 37 | | 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | .4 | 5.4 | .4 | | | | | | | | | | | | | | | 50 | 50 | | | | | | | | | 50 | 50 | | 43 | | 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | .4 | 4.0 | .5 | | | | | | | | | | | | | | | 40 | 40 | | | | | | | | | 40 | 40 | | 46 | | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | .9 | 3.6 | .1 | | | | | | | | | | | | | | | 38 | 38 | | | | | | | | | 38 | 38 | | 41 | | 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | .7 | 3.4 | | | | | | | | | | | | | | | | 34 | 34 | | | | | | | | | 34 | 34 | | 42 | | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 7 | 1.0 | 3.6 | | | | | | | | | | | | | | | | 38 | 38 | | | | | | | | | 38 | 38 | | 42 | | 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | 1.3 | 2.1 | | | | | | | | | | | | | | | | 28 | 28 | | | | | | | | | 28 | 28 | | 33 | | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 3 | 1.1 | 3.5 | | | | | | | | | | | | | | | | 38 | 38 | | | | | | | | | 38 | 38 | | 35 | | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 1 | 1.3 | 3.3 | | | | | | | | | | | | | | | | 38 | 38 | | | | | | | | | 38 | 38 | | 35 | | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0/ -1 | 2.4 | .5 | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | 24 | 24 | | 37 | | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -2/ -3 | 2.4 | .7 | | | | | | | | | | | | | | | | 26 | 26 | | | | | | | | | 26 | 26 | | 28 | | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -4/ -5 | 2.2 | .4 | | | | | | | | | | | | | | | | 21 | 22 | | | | | | | | | 21 | 22 | | 21 | | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -6/ -7 | 1.3 | | | | | | | | | | | | | | | | | 11 | 11 | | | | | | | | | 11 | 11 | | 12 | | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -8/ -9 | 1.6 | | | | | | | | | | | | | | | | | 13 | 13 | | | | | | | | | 13 | 13 | | 13 | | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -10/-11 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | 4 | 4 | | 4 | | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -12/-13 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | 3 | 3 | | 3 | | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -14/-15 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | 3 | 3 | | 3 | | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -16/-17 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | 3 | 3 | | 3 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -18/-19 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | | | | | | | | | 5 | 5 | | 5 | | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -22/-23 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | 1 | 1 | | 1 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX ² | | | ΣX | | | Σ | | | σ _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | | | | | | | | | | | ≤ 32 F | | | | | ≥ 67 F | | | | | ≥ 73 F | | | | | ≥ 80 F | | | | | ≥ 93 F | | | | | Total | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-81

MAR

PAGE 2 0900-1100

[illegible]

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(1 IN 7)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

MAR

STATION

STATION NAME

YEARS

PAGE 1 1200-1400

HOURS

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|------------|-----|------|-----------|-------|-------|------------|-------|-------|----------|-------|-------|------------------------------------|-----|------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | .2 | .2 | .2 | | | | | | | | | | | | 6 | 6 | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | .4 | .7 | .6 | | | | | | | | | | | | | 14 | 14 | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | .2 | 1.2 | .9 | .2 | | | | | | | | | | | | | 21 | 21 | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | .5 | 2.1 | 1.3 | | | | | | | | | | | | | | 32 | 33 | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | 1.6 | 2.7 | 1.1 | | | | | | | | | | | | | | 44 | 45 | | | | | | | | | | | | | | | | | | |
| 34/ 33 | .4 | 1.8 | 2.8 | .6 | | | | | | | | | | | | | | 46 | 46 | | | | | | | | | | | | | | | | | | |
| 32/ 31 | .4 | 3.0 | 2.9 | .2 | | | | | | | | | | | | | | 54 | 54 | | | | | | | | | | | | | | | | | | |
| 30/ 29 | .2 | 2.4 | 2.3 | .5 | | | | | | | | | | | | | | 45 | 45 | | | | | | | | | | | | | | | | | | |
| 28/ 27 | .1 | 3.0 | 1.3 | .4 | | | | | | | | | | | | | | 40 | 40 | | | | | | | | | | | | | | | | | | |
| 26/ 25 | .4 | 2.7 | 2.4 | .2 | | | | | | | | | | | | | | 47 | 47 | | | | | | | | | | | | | | | | | | |
| 24/ 23 | .2 | 2.2 | .6 | | | | | | | | | | | | | | | 25 | 25 | | | | | | | | | | | | | | | | | | |
| 22/ 21 | .7 | 2.9 | 1.6 | | | | | | | | | | | | | | | 43 | 43 | | | | | | | | | | | | | | | | | | |
| 20/ 19 | .6 | 4.7 | .9 | | | | | | | | | | | | | | | 51 | 51 | | | | | | | | | | | | | | | | | | |
| 18/ 17 | .4 | 5.0 | .7 | | | | | | | | | | | | | | | 50 | 50 | | | | | | | | | | | | | | | | | | |
| 16/ 15 | .1 | 4.1 | .7 | | | | | | | | | | | | | | | 41 | 41 | | | | | | | | | | | | | | | | | | |
| 14/ 13 | .2 | 3.3 | .7 | | | | | | | | | | | | | | | 33 | 33 | | | | | | | | | | | | | | | | | | |
| 12/ 11 | .4 | 2.6 | .1 | | | | | | | | | | | | | | | 25 | 25 | | | | | | | | | | | | | | | | | | |
| 10/ 9 | 1.1 | 4.0 | .5 | | | | | | | | | | | | | | | 46 | 46 | | | | | | | | | | | | | | | | | | |
| 8/ 7 | .5 | 2.9 | | | | | | | | | | | | | | | | 28 | 28 | | | | | | | | | | | | | | | | | | |
| 6/ 5 | .6 | 3.4 | | | | | | | | | | | | | | | | 33 | 33 | | | | | | | | | | | | | | | | | | |
| 4/ 3 | 1.0 | 1.9 | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | | | |
| 2/ 1 | .2 | 1.8 | | | | | | | | | | | | | | | | 17 | 17 | | | | | | | | | | | | | | | | | | |
| 0/ -1 | 1.9 | .7 | | | | | | | | | | | | | | | | 22 | 22 | | | | | | | | | | | | | | | | | | |
| -2/ -3 | 1.3 | .4 | | | | | | | | | | | | | | | | 14 | 14 | | | | | | | | | | | | | | | | | | |
| -4/ -5 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | | | |
| -6/ -7 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | | | |
| -8/ -9 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | | | | | | | | | | | | | | | | | | |
| -10/ -11 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | | | |
| -12/ -13 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | | | |
| -14/ -15 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | |
| -16/ -17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | | ΣX | | | \bar{X} | | | σ_x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

PSYCHROMETRIC SUMMARY

YEARS

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PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

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STATION

STATION NAME

YEARS

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|----|----|--|--|---|--|--|--|--|------------------------------------|-------|--|-------|--|--------|--|--|--------|--|--------|--|--------|--|--------|--|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | .9 | | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | .1 | .5 | | | | | | | | | | | | 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | .6 | .6 | .9 | | | | | | | | | | | | | 17 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | .5 | 2.3 | 1.3 | 1.0 | | | | | | | | | | | | | 40 | 40 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | .6 | 2.6 | 1.3 | .3 | | | | | | | | | | | | | 37 | 37 | | | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | 1.4 | 2.9 | 1.3 | .4 | | | | | | | | | | | | | 47 | 47 | | | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | .4 | 1.3 | 2.3 | 1.2 | | | | | | | | | | | | | | 40 | 40 | | | 67 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | .6 | 3.1 | 2.8 | .5 | .3 | | | | | | | | | | | | | 57 | 57 | | | 45 | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | .1 | 3.2 | 3.1 | .8 | .1 | | | | | | | | | | | | | 57 | 57 | | | 54 | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | .6 | 2.4 | 1.0 | .5 | | | | | | | | | | | | | | 36 | 36 | | | 65 | 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | .3 | 2.4 | 1.3 | .3 | | | | | | | | | | | | | | 33 | 33 | | | 55 | 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | .1 | 2.6 | .8 | | | | | | | | | | | | | | | 27 | 27 | | | 31 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | .8 | 3.1 | 1.3 | | | | | | | | | | | | | | | 40 | 40 | | | 43 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | .6 | 3.8 | .3 | | | | | | | | | | | | | | | 37 | 37 | | | 36 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | .1 | 5.1 | 1.0 | | | | | | | | | | | | | | | 49 | 49 | | | 40 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | .1 | 4.4 | .4 | | | | | | | | | | | | | | | 38 | 38 | | | 41 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | .1 | 2.9 | 1.3 | | | | | | | | | | | | | | | 34 | 34 | | | 45 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | 1.2 | 2.2 | .3 | | | | | | | | | | | | | | | 28 | 29 | | | 32 | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | .5 | 2.8 | | | | | | | | | | | | | | | | 26 | 26 | | | 37 | 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 7 | .1 | 4.0 | | | | | | | | | | | | | | | | 32 | 32 | | | 24 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | .4 | 2.8 | | | | | | | | | | | | | | | | 25 | 25 | | | 27 | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 3 | .4 | 2.8 | | | | | | | | | | | | | | | | 25 | 25 | | | 31 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 1 | .1 | 1.3 | | | | | | | | | | | | | | | | 11 | 11 | | | 19 | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0/ -1 | .6 | .4 | | | | | | | | | | | | | | | | 8 | 8 | | | 7 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -2/ -3 | .3 | .1 | | | | | | | | | | | | | | | | 3 | 3 | | | 6 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -4/ -5 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | | | 3 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -6/ -7 | .8 | | | | | | | | | | | | | | | | | 6 | 6 | | | 6 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -8/ -9 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | | | 3 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -10/ -11 | .3 | | | | | | | | | | | | | | | | | 2 | 2 | | | 2 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -12/ -13 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | | | 4 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -14/ -15 | .3 | | | | | | | | | | | | | | | | | 2 | 2 | | | 2 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -16/ -17 | | | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -18/ -19 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X' | | | | | Σ X | | | | | Σ | | | | | Σ | | | | | Σ | | | | | Σ | | | | | Σ | | | | | Σ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | | | | | ≤ 32 F | | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

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STATION

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HOURS

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--|----|------|------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|-------|-------|--|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | .0 | | | | | | | | | | | | 1 | | | | | 1 | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | .0 | .0 | | | | | | | | | | | | 2 | | | | | 2 | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | .1 | | | | | | | | | | | | | 9 | | | | | 9 | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | .0 | .1 | .0 | | | | | | | | | | | | 13 | | | | | 13 | | | | | | | | | | | | | | | | |
| 42/ 41 | | | .1 | .2 | .3 | | | | | | | | | | | | | 39 | | | | | 39 | | | | | | | | | | | | | | | | |
| 40/ 39 | | .1 | .5 | .5 | .2 | | | | | | | | | | | | | 83 | | | | | 83 | | | | | | | | | | | | | | | | |
| 38/ 37 | .5 | .3 | .9 | .9 | .0 | | | | | | | | | | | | | 133 | | | | | 134 | | | | | | | | | | | | | | | | |
| 36/ 35 | .2 | .6 | 1.4 | .7 | .1 | | | | | | | | | | | | | 178 | | | | | 179 | | | | | | | | | | | | | | | | |
| 34/ 33 | .3 | 1.3 | 1.7 | .4 | .0 | | | | | | | | | | | | | 232 | | | | | 232 | | | | | | | | | | | | | | | | |
| 32/ 31 | .8 | 2.5 | 2.7 | .7 | .0 | | | | | | | | | | | | | 408 | | | | | 411 | | | | | | | | | | | | | | | | |
| 30/ 29 | .7 | 2.4 | 2.3 | .2 | .0 | | | | | | | | | | | | | 345 | | | | | 347 | | | | | | | | | | | | | | | | |
| 28/ 27 | .9 | 2.7 | 1.2 | .1 | | | | | | | | | | | | | | 301 | | | | | 302 | | | | | | | | | | | | | | | | |
| 26/ 25 | .7 | 3.4 | 1.1 | .1 | | | | | | | | | | | | | | 323 | | | | | 323 | | | | | | | | | | | | | | | | |
| 24/ 23 | .3 | 2.2 | .6 | | | | | | | | | | | | | | | 184 | | | | | 184 | | | | | | | | | | | | | | | | |
| 22/ 21 | .7 | 2.9 | .8 | | | | | | | | | | | | | | | 273 | | | | | 274 | | | | | | | | | | | | | | | | |
| 20/ 19 | 1.2 | 4.3 | .6 | | | | | | | | | | | | | | | 373 | | | | | 373 | | | | | | | | | | | | | | | | |
| 18/ 17 | .6 | 3.9 | .5 | | | | | | | | | | | | | | | 298 | | | | | 298 | | | | | | | | | | | | | | | | |
| 16/ 15 | .3 | 4.3 | .3 | | | | | | | | | | | | | | | 301 | | | | | 302 | | | | | | | | | | | | | | | | |
| 14/ 13 | .5 | 3.7 | .3 | | | | | | | | | | | | | | | 274 | | | | | 275 | | | | | | | | | | | | | | | | |
| 12/ 11 | 1.0 | 3.3 | .1 | | | | | | | | | | | | | | | 266 | | | | | 267 | | | | | | | | | | | | | | | | |
| 10/ 9 | 1.0 | 3.1 | .1 | | | | | | | | | | | | | | | 252 | | | | | 252 | | | | | | | | | | | | | | | | |
| 8/ 7 | .8 | 3.1 | | | | | | | | | | | | | | | | 238 | | | | | 239 | | | | | | | | | | | | | | | | |
| 6/ 5 | .7 | 3.2 | | | | | | | | | | | | | | | | 238 | | | | | 238 | | | | | | | | | | | | | | | | |
| 4/ 3 | 1.1 | 2.6 | | | | | | | | | | | | | | | | 226 | | | | | 226 | | | | | | | | | | | | | | | | |
| 2/ 1 | 1.3 | 2.7 | | | | | | | | | | | | | | | | 244 | | | | | 245 | | | | | | | | | | | | | | | | |
| 0/ -1 | 2.5 | .5 | | | | | | | | | | | | | | | | 177 | | | | | 177 | | | | | | | | | | | | | | | | |
| -2/ -3 | 1.9 | .5 | | | | | | | | | | | | | | | | 150 | | | | | 150 | | | | | | | | | | | | | | | | |
| -4/ -5 | 2.2 | .1 | | | | | | | | | | | | | | | | 139 | | | | | 140 | | | | | | | | | | | | | | | | |
| -6/ -7 | 1.5 | .0 | | | | | | | | | | | | | | | | 94 | | | | | 94 | | | | | | | | | | | | | | | | |
| -8/ -9 | 1.2 | | | | | | | | | | | | | | | | | 72 | | | | | 72 | | | | | | | | | | | | | | | | |
| -10/-11 | 1.0 | | | | | | | | | | | | | | | | | 63 | | | | | 63 | | | | | | | | | | | | | | | | |
| -12/-13 | .7 | | | | | | | | | | | | | | | | | 42 | | | | | 42 | | | | | | | | | | | | | | | | |
| -14/-15 | .3 | | | | | | | | | | | | | | | | | 18 | | | | | 18 | | | | | | | | | | | | | | | | |
| -16/-17 | .5 | | | | | | | | | | | | | | | | | 29 | | | | | 29 | | | | | | | | | | | | | | | | |
| Element (X) | Σ X' | | | Σ X | | | Σ | | | Σ | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F | | | | | | | | | | | | | | | | | Total | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

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YEARS

PAGE 1

0000-0200

HOURS

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-------|-----|------|------|--------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|------|--------|----------|----------|-----------|-------|--|-----|--|-----|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 44/ 43 | | | | .1 | | .1 | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | |
| 42/ 41 | | .1 | .1 | .4 | .5 | | | | | | | | | | | | | 9 | 9 | | | | | | | | | | | | | |
| 40/ 39 | | .1 | 1.6 | .8 | .7 | | | | | | | | | | | | | 24 | 24 | 2 | | | | | | | | | | | | |
| 38/ 37 | | 1.9 | 3.0 | 1.9 | .1 | | | | | | | | | | | | | 51 | 51 | 5 | 2 | | | | | | | | | | | |
| 36/ 35 | .5 | 3.8 | 2.5 | 2.6 | .3 | | | | | | | | | | | | | 71 | 71 | 37 | 4 | | | | | | | | | | | |
| 34/ 33 | | 2.9 | 3.7 | 1.0 | .3 | | | | | | | | | | | | | 57 | 57 | 61 | 10 | | | | | | | | | | | |
| 32/ 31 | 2.1 | 6.8 | 4.7 | .8 | | | | | | | | | | | | | | 105 | 105 | 87 | 65 | | | | | | | | | | | |
| 30/ 29 | .8 | 4.9 | 4.1 | .4 | | | | | | | | | | | | | | 75 | 75 | 93 | 47 | | | | | | | | | | | |
| 28/ 27 | .8 | 3.7 | 1.1 | .4 | | | | | | | | | | | | | | 44 | 45 | 90 | 49 | | | | | | | | | | | |
| 26/ 25 | .8 | 2.6 | 1.4 | 1.0 | | | | | | | | | | | | | | 42 | 42 | 66 | 57 | | | | | | | | | | | |
| 24/ 23 | .7 | 2.6 | 1.6 | | | | | | | | | | | | | | | 36 | 36 | 36 | 59 | | | | | | | | | | | |
| 22/ 21 | .5 | 4.2 | 1.8 | | | | | | | | | | | | | | | 48 | 48 | 46 | 61 | | | | | | | | | | | |
| 20/ 19 | .7 | 3.3 | .8 | | | | | | | | | | | | | | | 35 | 36 | 51 | 67 | | | | | | | | | | | |
| 18/ 17 | | 2.6 | .8 | | | | | | | | | | | | | | | 25 | 25 | 26 | 47 | | | | | | | | | | | |
| 16/ 15 | .4 | 1.0 | .4 | | | | | | | | | | | | | | | 13 | 13 | 26 | 41 | | | | | | | | | | | |
| 14/ 13 | .3 | 2.7 | .3 | | | | | | | | | | | | | | | 24 | 24 | 18 | 29 | | | | | | | | | | | |
| 12/ 11 | .1 | 4.0 | .1 | | | | | | | | | | | | | | | 31 | 32 | 21 | 41 | | | | | | | | | | | |
| 10/ 9 | .1 | 1.4 | | | | | | | | | | | | | | | | 11 | 11 | 30 | 25 | | | | | | | | | | | |
| 8/ 7 | | .5 | | | | | | | | | | | | | | | | 4 | 4 | 9 | 25 | | | | | | | | | | | |
| 6/ 5 | .1 | 1.1 | | | | | | | | | | | | | | | | 9 | 9 | 8 | 16 | | | | | | | | | | | |
| 4/ 3 | .3 | .4 | | | | | | | | | | | | | | | | 5 | 5 | 8 | 10 | | | | | | | | | | | |
| 2/ 1 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 27 | | | | | | | | | | | |
| 0/ -1 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 14 | | | | | | | | | | | |
| -2/ -3 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 16 | | | | | | | | | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | |
| -6/ -7 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 2 | | | | | | | | | | | |
| -8/ -9 | .3 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | | | | | | | | | | | | |
| -10/ -11 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | |
| -12/ -13 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| -14/ -15 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| -16/ -17 | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| TOTAL | 9.35 | 1.12 | 8.1 | 9.5 | 1.9 | .1 | | | | | | | | | | | | 730 | | 733 | 730 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 730 | | 730 | | | | | | | | | | | | |
| Element (X) | Σ X' | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | | | | |
| Rel. Hum. | 3891212 | | 52340 | | 71.7 | | 13.784 | | 730 | | Σ 0 F | | Σ 32 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | | Σ 93 F | | Total | | | | | | | | | |
| Dry Bulb | 588167 | | 19615 | | 26.8 | | 9.297 | | 733 | | 1.0 | | 63.7 | | | | | | | | | | 90 | | | | | | | | | |
| Wet Bulb | 489683 | | 17831 | | 24.4 | | 8.618 | | 730 | | 1.0 | | 77.1 | | | | | | | | | | 90 | | | | | | | | | |
| Dew Point | 324828 | | 13476 | | 18.5 | | 10.214 | | 730 | | 5.9 | | 88.0 | | | | | | | | | | 90 | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

APR

PAGE 1 0300-0500

USAFETAC FORM 0-26.3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

[illegible]

PSYCHROMETRIC SUMMARY

7-2315 TATALINA AFS AK

73-81

APR
MAY 14

PAGE 1 0600-0800
HOURS U.S.T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-------|-----|------|------|--------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 46/ 45 | | | | .2 | .2 | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 44/ 43 | | | .2 | .4 | .1 | .1 | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | | |
| 42/ 41 | | .2 | .5 | .4 | .4 | | | | | | | | | | | | | 12 | 12 | | | | | | | | | | | | | | | | |
| 40/ 39 | | .1 | 1.5 | 1.4 | .2 | | | | | | | | | | | | | 26 | 26 | 7 | | | | | | | | | | | | | | | |
| 38/ 37 | | 1.7 | 1.4 | 2.3 | | | | | | | | | | | | | | 44 | 44 | 12 | 1 | | | | | | | | | | | | | | |
| 36/ 35 | .6 | 2.3 | 3.3 | 1.6 | | | | | | | | | | | | | | 64 | 64 | 39 | 9 | | | | | | | | | | | | | | |
| 34/ 33 | 1.0 | 2.6 | 4.0 | .7 | | | | | | | | | | | | | | 67 | 67 | 60 | 22 | | | | | | | | | | | | | | |
| 32/ 31 | 2.1 | 5.3 | 4.8 | .7 | | | | | | | | | | | | | | 105 | 105 | 85 | 58 | | | | | | | | | | | | | | |
| 30/ 29 | 1.5 | 4.4 | 3.6 | | | | | | | | | | | | | | | 77 | 77 | 104 | 42 | | | | | | | | | | | | | | |
| 28/ 27 | .9 | 3.5 | 2.0 | .2 | | | | | | | | | | | | | | 53 | 53 | 86 | 47 | | | | | | | | | | | | | | |
| 26/ 25 | .1 | 3.8 | 2.2 | .1 | | | | | | | | | | | | | | 51 | 51 | 57 | 63 | | | | | | | | | | | | | | |
| 24/ 23 | .1 | 2.6 | 1.6 | .1 | | | | | | | | | | | | | | 36 | 36 | 60 | 56 | | | | | | | | | | | | | | |
| 22/ 21 | 2.1 | 3.3 | 1.0 | | | | | | | | | | | | | | | 52 | 52 | 53 | 77 | | | | | | | | | | | | | | |
| 20/ 19 | .5 | 4.6 | 1.1 | | | | | | | | | | | | | | | 50 | 50 | 42 | 85 | | | | | | | | | | | | | | |
| 18/ 17 | | 3.0 | .4 | | | | | | | | | | | | | | | 27 | 27 | 46 | 55 | | | | | | | | | | | | | | |
| 16/ 15 | .1 | 3.3 | .2 | | | | | | | | | | | | | | | 30 | 30 | 35 | 40 | | | | | | | | | | | | | | |
| 14/ 13 | .1 | 2.1 | | | | | | | | | | | | | | | | 18 | 18 | 23 | 32 | | | | | | | | | | | | | | |
| 12/ 11 | .4 | 1.9 | | | | | | | | | | | | | | | | 18 | 18 | 18 | 36 | | | | | | | | | | | | | | |
| 10/ 9 | .4 | 2.7 | | | | | | | | | | | | | | | | 25 | 25 | 23 | 44 | | | | | | | | | | | | | | |
| 8/ 7 | | 1.2 | | | | | | | | | | | | | | | | 10 | 10 | 16 | 27 | | | | | | | | | | | | | | |
| 6/ 5 | .1 | 1.1 | | | | | | | | | | | | | | | | 10 | 10 | 14 | 16 | | | | | | | | | | | | | | |
| 4/ 3 | .1 | 1.4 | | | | | | | | | | | | | | | | 12 | 12 | 12 | 15 | | | | | | | | | | | | | | |
| 2/ 1 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 19 | | | | | | | | | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | 1 | 22 | | | | | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | |
| -4/ -5 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 12 | | | | | | | | | | | | | | |
| -6/ -7 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 10 | | | | | | | | | | | | | | |
| -8/ -9 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | | | | | | | | | | | | |
| -10/-11 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 2 | | | | | | | | | | | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| TOTAL | 11.1 | 51.7 | 27.8 | 8.3 | 1.0 | .1 | | | | | | | | | | | | | 809 | 809 | 809 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 809 | | 809 | 809 | | | | | | | | | | | | | | |
| Element (X) | Σx' | | Σx | | X | | Σx | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 4354768 | | 58382 | | 72.2 | | 3.238 | | 809 | | ≤ 0 F | | ≤ 32 F | | ≤ 67 F | | ≤ 73 F | | ≤ 80 F | | ≤ 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | 630704 | | 21166 | | 26.2 | | 9.758 | | 809 | | .9 | | 65.1 | | | | | | | | | | 90 | | | | | | | | | | | | |
| Wet Bulb | 527858 | | 19324 | | 23.9 | | 9.057 | | 809 | | 1.0 | | 76.9 | | | | | | | | | | 90 | | | | | | | | | | | | |
| Dew Point | 352299 | | 14613 | | 18.1 | | 10.456 | | 809 | | 7.2 | | 86.4 | | | | | | | | | | 90 | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

APR

STATION

STATION NAME

YEARS

PAGE 1 0900-1100

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|----------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|----|-----------|----------|----------|-----------|-------|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | .1 | | .2 | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | .5 | .1 | .4 | | | | | | | | | | | | 8 | 8 | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | .2 | .7 | .5 | .2 | | | | | | | | | | | 14 | 14 | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | .1 | .9 | .6 | 1.4 | .1 | | | | | | | | | | | | 25 | 25 | 1 | | | | | | | | | | | | | | | | |
| 46/ 45 | | .1 | .2 | 1.5 | 1.0 | .5 | | | | | | | | | | | | | 27 | 27 | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | .7 | 1.6 | 1.7 | .4 | | | | | | | | | | | | | 36 | 36 | 13 | | | | | | | | | | | | | | | | |
| 42/ 41 | | .1 | .9 | 1.6 | .9 | .1 | | | | | | | | | | | | | 29 | 29 | 15 | | | | | | | | | | | | | | | | |
| 40/ 39 | | .6 | 3.1 | 3.7 | 1.2 | | | | | | | | | | | | | | 70 | 70 | 38 | 4 | | | | | | | | | | | | | | | |
| 38/ 37 | .1 | 1.2 | 2.2 | 2.7 | .1 | | | | | | | | | | | | | | 52 | 53 | 57 | 5 | | | | | | | | | | | | | | | |
| 36/ 35 | .6 | 1.9 | 4.3 | 2.8 | .5 | | | | | | | | | | | | | | 82 | 82 | 68 | 25 | | | | | | | | | | | | | | | |
| 34/ 33 | .9 | 3.1 | 3.2 | 1.2 | .1 | | | | | | | | | | | | | | 69 | 69 | 88 | 34 | | | | | | | | | | | | | | | |
| 32/ 31 | 1.1 | 3.2 | 4.1 | 1.2 | .2 | | | | | | | | | | | | | | 80 | 80 | 93 | 65 | | | | | | | | | | | | | | | |
| 30/ 29 | .5 | 1.4 | 3.5 | .7 | | | | | | | | | | | | | | | 49 | 49 | 82 | 57 | | | | | | | | | | | | | | | |
| 28/ 27 | .1 | 3.0 | 2.3 | .5 | | | | | | | | | | | | | | | 48 | 48 | 52 | 58 | | | | | | | | | | | | | | | |
| 26/ 25 | | 2.0 | 2.5 | .2 | | | | | | | | | | | | | | | 38 | 38 | 65 | 83 | | | | | | | | | | | | | | | |
| 24/ 23 | | 1.9 | 1.5 | | | | | | | | | | | | | | | | 27 | 27 | 50 | 53 | | | | | | | | | | | | | | | |
| 22/ 21 | .5 | 2.2 | 1.6 | .1 | | | | | | | | | | | | | | | 36 | 36 | 37 | 75 | | | | | | | | | | | | | | | |
| 20/ 19 | .2 | 2.5 | 1.6 | .1 | | | | | | | | | | | | | | | 36 | 36 | 31 | 70 | | | | | | | | | | | | | | | |
| 18/ 17 | .1 | 1.1 | 1.1 | | | | | | | | | | | | | | | | 19 | 19 | 29 | 41 | | | | | | | | | | | | | | | |
| 16/ 15 | .1 | 1.7 | 1.0 | | | | | | | | | | | | | | | | 23 | 23 | 25 | 43 | | | | | | | | | | | | | | | |
| 14/ 13 | .1 | 1.5 | .2 | | | | | | | | | | | | | | | | 15 | 15 | 25 | 45 | | | | | | | | | | | | | | | |
| 12/ 11 | | 1.0 | | | | | | | | | | | | | | | | | 8 | 8 | 17 | 29 | | | | | | | | | | | | | | | |
| 10/ 9 | | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 9 | 14 | | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 5 | 25 | | | | | | | | | | | | | | | |
| 6/ 5 | | .2 | | | | | | | | | | | | | | | | | 2 | 2 | | 19 | | | | | | | | | | | | | | | |
| 4/ 3 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 20 | | | | | | | | | | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 | 18 | | | | | | | | | | | | | | | |
| 0/ -1 | .2 | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 6 | | | | | | | | | | | | | | | |
| -2/ -3 | .4 | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 5 | | | | | | | | | | | | | | | |
| -4/ -5 | .1 | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 | | | | | | | | | | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | | |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Element (X) | Σ X ⁱ | | | | Σ X | | X̄ | σ _x | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | Total | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

73-61

APP

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PSYCHROMETRIC SUMMARY

| | |
|---------|-----------------|
| 702315 | TATALINA AFS AK |
| STATION | STATION NAME |

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APR 1961

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1000

[illegible]

PSYCHROMETRIC SUMMARY

73-81

APPENDIX

STATION

STATION NAME

ANS

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[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALIYA AFS AK

73-31

APR

PAGE 1 1500-1700

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. Dry Bulb | TOTAL
Wet Bulb Dew Point |
|--------------|-------------------------------------|----------------|------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|----|--|--|--|--|-------|--|--|--|--|--|--|--|--|-----|-----------------------------|-----------------------------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 |
| 62/ 59 | | | | | | .1 | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 |
| 58/ 57 | | | | | | .1 | .1 | | .1 | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 |
| 54/ 55 | | | | | .2 | .2 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | |
| 54/ 53 | | | | .1 | 1.0 | .2 | .1 | .5 | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | |
| 50/ 51 | | | | .5 | 1.1 | .9 | 1.2 | .4 | | | | | | | | | | | | | | | | | | | | | | | 33 | 33 | |
| 50/ 49 | | | | | 1.7 | 1.7 | .7 | .4 | | | | | | | | | | | | | | | | | | | | | | | 37 | 37 | |
| 46/ 47 | | | .1 | .6 | 1.7 | 1.1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 30 | 30 | |
| 46/ 45 | | .2 | .2 | 2.2 | 1.2 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | |
| 44/ 43 | | | 1.0 | 2.5 | 1.5 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | 51 | 51 | |
| 42/ 41 | | .2 | 1.7 | 2.0 | 2.6 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | 64 | 64 | |
| 40/ 39 | .1 | 1.6 | 2.6 | 3.0 | 2.1 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 80 | |
| 38/ 37 | | 2.1 | 3.6 | .5 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | 54 | 54 | |
| 36/ 35 | .1 | 3.0 | 4.1 | 1.7 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | 77 | 77 | |
| 34/ 33 | .4 | 1.6 | 3.2 | 1.7 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | 62 | |
| 30/ 31 | .6 | 2.6 | 3.8 | 3.3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 86 | 86 | |
| 30/ 29 | .5 | 1.4 | 2.5 | 1.4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | |
| 28/ 27 | .4 | .5 | .9 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | |
| 26/ 25 | .2 | .6 | .4 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | |
| 24/ 23 | | .5 | 2.2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | |
| 22/ 21 | .1 | 1.2 | .6 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | |
| 20/ 19 | .2 | 1.4 | .5 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | |
| 18/ 17 | .1 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | |
| 16/ 15 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | |
| 14/ 13 | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | |
| 12/ 11 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| 10/ 9 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 3 | | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 3.2 | 18.6 | 27.5 | 21.6 | 15.3 | 9.0 | 2.7 | 1.6 | .4 | | | | | | | | | | | | | | | | | | | | | | 810 | 810 | |
| Element (X) | Z _X | Z _X | X | X | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 31199J4 | 48422 | 59.8 | 16.685 | 810 | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F | | | | | | | | | | | Total | | | | | | | | | | | |
| Dry Bulb | 1189573 | 30085 | 37.1 | 9.444 | 810 | | 27.4 | | | | | | | | | | | | | | | 90 | | | | | | | | | | | |
| Wet Bulb | 880360 | 25998 | 32.1 | 7.534 | 810 | | 41.8 | | | | | | | | | | | | | | | 90 | | | | | | | | | | | |
| Dew Point | 503098 | 18942 | 23.4 | 8.622 | 810 | .8 | 78.2 | | | | | | | | | | | | | | | 90 | | | | | | | | | | | |

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315
STATION

TATALINA AFS AK

STATION NAME

73-76,78-81

YEARS

APR
MONTH

PAGE 1 1000-2000

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------|------|-------|------|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|----|-----------|----------|----------|-----------|--------|--|-----|--------|--|--|--------|--|--|--------|-------|--|--------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | .3 | | | | | | | | 2 | | | | | | 2 | | | | | | | | | | | | | |
| 56/ 55 | | | | | | .2 | .2 | | .2 | | | | | | | | | 3 | | | | | | 3 | | | | | | | | | | | | | |
| 54/ 53 | | | | | | .6 | | | .3 | | | | | | | | | 6 | | | | | | 6 | | | | | | | | | | | | | |
| 52/ 51 | | | | | | .6 | .5 | .6 | .2 | | | | | | | | | 12 | | | | | | 12 | | | | | | | | | | | | | |
| 50/ 49 | | | | | 1.0 | .3 | .5 | .6 | | | | | | | | | | 15 | | | | | | 15 | | | | | | | | | | | | | |
| 48/ 47 | | | | | .5 | 1.1 | .6 | .5 | | | | | | | | | | 17 | | | | | | 17 | | | | | | | | | | | | | |
| 46/ 45 | | | | .2 | 1.6 | 1.5 | 1.0 | | | | | | | | | | | 26 | | | | | | 26 | | | | | | | | | | | | | |
| 44/ 43 | | | | .5 | 1.6 | 1.1 | .6 | | | | | | | | | | | 24 | | | | | | 24 | | | | | | | | | | | | | |
| 42/ 41 | | .3 | 1.3 | 2.3 | 2.9 | .3 | | | | | | | | | | | | 44 | | | | | | 44 | | | | | | | | | | | | | |
| 40/ 39 | | .5 | 3.5 | 1.8 | 2.1 | .2 | | | | | | | | | | | | 50 | | | | | | 50 | | | | | | | | | | | | | |
| 38/ 37 | .5 | 2.3 | 1.8 | 2.7 | 1.0 | .2 | | | | | | | | | | | | 52 | | | | | | 52 | | | | | | | | | | | | | |
| 36/ 35 | | 4.4 | 4.2 | 2.3 | .5 | .2 | | | | | | | | | | | | 71 | | | | | | 71 | | | | | | | | | | | | | |
| 34/ 33 | .2 | 4.0 | 3.1 | 1.6 | .5 | | | | | | | | | | | | | 58 | | | | | | 58 | | | | | | | | | | | | | |
| 32/ 31 | 1.6 | 4.2 | 2.3 | 1.5 | .5 | | | | | | | | | | | | | 62 | | | | | | 62 | | | | | | | | | | | | | |
| 30/ 29 | .6 | 2.9 | 4.8 | 1.3 | | | | | | | | | | | | | | 60 | | | | | | 60 | | | | | | | | | | | | | |
| 28/ 27 | .6 | 1.0 | 2.3 | .3 | | | | | | | | | | | | | | 26 | | | | | | 26 | | | | | | | | | | | | | |
| 26/ 25 | 1.0 | .6 | .8 | .6 | | | | | | | | | | | | | | 19 | | | | | | 19 | | | | | | | | | | | | | |
| 24/ 23 | | 1.0 | 1.0 | .2 | | | | | | | | | | | | | | 13 | | | | | | 13 | | | | | | | | | | | | | |
| 22/ 21 | | 1.1 | 1.3 | .2 | | | | | | | | | | | | | | 16 | | | | | | 16 | | | | | | | | | | | | | |
| 20/ 19 | .2 | 1.0 | 1.3 | | | | | | | | | | | | | | | 15 | | | | | | 15 | | | | | | | | | | | | | |
| 18/ 17 | | 1.0 | .5 | | | | | | | | | | | | | | | 9 | | | | | | 9 | | | | | | | | | | | | | |
| 16/ 15 | .2 | 1.3 | .2 | | | | | | | | | | | | | | | 10 | | | | | | 10 | | | | | | | | | | | | | |
| 14/ 13 | | .6 | .2 | | | | | | | | | | | | | | | 5 | | | | | | 5 | | | | | | | | | | | | | |
| 12/ 11 | .2 | .3 | | | | | | | | | | | | | | | | 3 | | | | | | 3 | | | | | | | | | | | | | |
| 10/ 9 | | .2 | | | | | | | | | | | | | | | | 1 | | | | | | 1 | | | | | | | | | | | | | |
| 8/ 7 | | .2 | | | | | | | | | | | | | | | | 1 | | | | | | 1 | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 5.0 | 26.8 | 29.0 | 19.4 | 12.9 | 4.2 | 1.8 | .6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 620 | | | | | | 620 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x' | | | Σ x | | | Σ | | | Σ | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | Total | | | | | | | | | | | | |
| Rel. Hum. | 2741795 | | | 39813 | | | 64.2 | | | 7.298 | | | 620 | | | ± 0 F | | | | | | ± 32 F | | | ± 67 F | | | ± 73 F | | | ± 80 F | | | ± 93 F | | | |
| Dry Bulb | 792220 | | | 21494 | | | 34.7 | | | 8.720 | | | 620 | | | | | | | | | 34.8 | | | | | | | | | | | | 90 | | | |
| Wet Bulb | 609035 | | | 18925 | | | 30.5 | | | 7.118 | | | 620 | | | | | | | | | 52.3 | | | | | | | | | | | | 90 | | | |
| Dew Point | 366130 | | | 14160 | | | 22.8 | | | 8.501 | | | 620 | | | .7 | | | | | | 81.9 | | | | | | | | | | | | 90 | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 TATALINA AFS AK

75-81

APR

PAGE 1 2100-2300

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|--------------|-------------------------------------|------|------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----|-----------|----------|----------|--|----|-----|--|--|-------|--|--|--|--|--|-------|--|--|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | .4 | | | | | | | | | | | | | 2 | | | 2 | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | .4 | | .2 | | | | | | | | | | | 3 | | | 3 | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | .2 | | .4 | | | | | | | | | | | | 3 | | | 3 | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | .2 | .7 | | .4 | | | | | | | | | | | | 7 | | | 7 | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | .4 | 1.1 | .7 | | .6 | | | | | | | | | | | 15 | | | 15 | 3 | | | | | | | | | | | | | | | | | |
| 42/ 41 | | .2 | .6 | 1.3 | 1.7 | | | | | | | | | | | | | 20 | | | 20 | 4 | | | | | | | | | | | | | | | | | |
| 40/ 39 | | 1.3 | 3.2 | 2.2 | .6 | | | | | | | | | | | | | 39 | | | 39 | 8 | | | | | | | | | | | | | | | | | |
| 38/ 37 | | 2.6 | .7 | 2.1 | .7 | | | | | | | | | | | | | 33 | | | 33 | 22 | | | | | | | | | | | | | | | | | |
| 36/ 35 | | 3.9 | 2.1 | 2.4 | .2 | | | | | | | | | | | | | 46 | | | 46 | 53 | | | | | | | | | | | | | | | | | |
| 34/ 33 | .6 | 3.5 | 4.3 | 2.2 | .4 | | | | | | | | | | | | | 59 | | | 59 | 49 | | | | | | | | | | | | | | | | | |
| 32/ 31 | 1.9 | 9.7 | 2.6 | .9 | .2 | | | | | | | | | | | | | 82 | | | 84 | 61 | | | | | | | | | | | | | | | | | |
| 30/ 29 | .4 | 2.6 | 2.6 | 1.1 | .2 | | | | | | | | | | | | | 37 | | | 37 | 86 | | | | | | | | | | | | | | | | | |
| 28/ 27 | .2 | 3.9 | .9 | .6 | | | | | | | | | | | | | | 30 | | | 30 | 35 | | | | | | | | | | | | | | | | | |
| 26/ 25 | 1.5 | 3.0 | .7 | .7 | | | | | | | | | | | | | | 32 | | | 32 | 53 | | | | | | | | | | | | | | | | | |
| 24/ 23 | .4 | 1.7 | .4 | .2 | | | | | | | | | | | | | | 14 | | | 14 | 29 | | | | | | | | | | | | | | | | | |
| 22/ 21 | .4 | 1.7 | 1.7 | | | | | | | | | | | | | | | 20 | | | 22 | 25 | | | | | | | | | | | | | | | | | |
| 20/ 19 | .2 | 2.2 | .9 | | | | | | | | | | | | | | | 18 | | | 18 | 13 | | | | | | | | | | | | | | | | | |
| 18/ 17 | .6 | 2.1 | .6 | | | | | | | | | | | | | | | 17 | | | 17 | 24 | | | | | | | | | | | | | | | | | |
| 16/ 15 | .2 | 1.5 | .9 | | | | | | | | | | | | | | | 14 | | | 14 | 13 | | | | | | | | | | | | | | | | | |
| 14/ 13 | | 3.0 | .4 | | | | | | | | | | | | | | | 18 | | | 18 | 17 | | | | | | | | | | | | | | | | | |
| 12/ 11 | .4 | 1.9 | | | | | | | | | | | | | | | | 12 | | | 12 | 17 | | | | | | | | | | | | | | | | | |
| 10/ 9 | | 1.1 | | | | | | | | | | | | | | | | 6 | | | 6 | 9 | | | | | | | | | | | | | | | | | |
| 8/ 7 | | .7 | | | | | | | | | | | | | | | | 4 | | | 4 | 7 | | | | | | | | | | | | | | | | | |
| 6/ 5 | | .4 | | | | | | | | | | | | | | | | 2 | | | 2 | 5 | | | | | | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | | | | |
| 2/ 1 | | .2 | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | 1 | | | 1 | 22 | | | | | | | | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | | | | |
| -4/ -5 | .2 | | | | | | | | | | | | | | | | | 1 | | | 1 | 10 | | | | | | | | | | | | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| -8/ -9 | .2 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| -10/ -11 | | | | | | | | | | | | | | | | | | 1 | | | 1 | 9 | | | | | | | | | | | | | | | | | |
| TOTAL | 6.9 | 47.2 | 23.1 | 15.9 | 5.4 | 1.3 | .2 | | | | | | | | | | | | 536 | | 538 | | 536 | | | | | | | | | | | | | | | | |
| Element (X) | Σ x' | | | | | Σ x | | | | | x | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 2725922 | | | | | 37294 | | | | | 69.6 | | | | | 536 | | | | | ± 0 F ± 32 F ± 67 F ± 73 F ± 80 F ± 93 F | | | | | Total | | | | | | | | | | | | | |
| Dry Bulb | 524850 | | | | | 16044 | | | | | 29.8 | | | | | 536 | | | | | .3 52.0 | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 425032 | | | | | 14422 | | | | | 26.9 | | | | | 536 | | | | | .3 66.7 | | | | | | | | | | | | | | | | | | |
| Dew Point | 277224 | | | | | 10952 | | | | | 20.4 | | | | | 536 | | | | | 3.9 85.1 | | | | | | | | | | | | | | | | | | |

FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

APR
MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|------|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|--|--|--|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | .0 | .0 | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | .1 | .0 | .0 | .0 | | | | | | | | 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| 56/ 57 | | | | | | | .0 | .0 | | .1 | | | | | | | | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | .1 | .1 | .1 | .1 | .0 | | | | | | | | | 20 | 20 | | | | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | .0 | .3 | .1 | .1 | .2 | | | | | | | | | | 43 | 43 | | | | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | .1 | .4 | .2 | .5 | .1 | | | | | | | | | | 79 | 79 | | 3 | | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | .2 | .7 | .6 | .3 | .1 | | | | | | | | | | 105 | 105 | | 3 | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | .0 | .4 | .7 | .6 | .2 | | | | | | | | | | | 109 | 109 | | 13 | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | .1 | .1 | 1.0 | .7 | .5 | .0 | | | | | | | | | | | 141 | 141 | | 40 | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | .0 | .5 | 1.1 | .9 | .5 | | | | | | | | | | | | 177 | 177 | | 58 | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | .2 | .9 | 1.3 | 1.3 | .3 | | | | | | | | | | | | 245 | 245 | | 111 | 3 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | .0 | .7 | 2.4 | 1.9 | 1.1 | .1 | | | | | | | | | | | | 367 | 367 | | 233 | 27 | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | .2 | 1.7 | 2.2 | 2.1 | .4 | .0 | | | | | | | | | | | | 391 | 392 | | 312 | 44 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | .4 | 3.0 | 3.4 | 2.1 | .4 | .0 | | | | | | | | | | | | 552 | 553 | | 463 | 139 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | .5 | 2.8 | 3.2 | 1.2 | .3 | | | | | | | | | | | | | 479 | 479 | | 596 | 223 | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | 1.4 | 4.7 | 3.9 | 1.5 | .2 | | | | | | | | | | | | | 692 | 694 | | 633 | 539 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | .8 | 3.1 | 3.7 | .7 | .1 | | | | | | | | | | | | | 496 | 496 | | 660 | 435 | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | .6 | 2.9 | 1.8 | .5 | | | | | | | | | | | | | | 339 | 340 | | 532 | 440 | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | .5 | 2.2 | 1.4 | .5 | | | | | | | | | | | | | | 272 | 273 | | 509 | 473 | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | .2 | 1.7 | 1.3 | .1 | | | | | | | | | | | | | | 198 | 198 | | 315 | 420 | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | .6 | 2.4 | 1.4 | .1 | | | | | | | | | | | | | | 263 | 263 | | 261 | 534 | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | .4 | 2.8 | 1.0 | .1 | | | | | | | | | | | | | | 253 | 254 | | 248 | 572 | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | .1 | 1.7 | .6 | | | | | | | | | | | | | | | 144 | 144 | | 236 | 745 | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | .1 | 1.5 | .4 | | | | | | | | | | | | | | | 117 | 117 | | 172 | 262 | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | .2 | 1.7 | .1 | | | | | | | | | | | | | | | 120 | 120 | | 127 | 263 | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | .2 | 1.4 | .0 | | | | | | | | | | | | | | | 96 | 97 | | 113 | 248 | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | .2 | 1.0 | | | | | | | | | | | | | | | | 70 | 70 | | 96 | 184 | | | | | | | | | | | | | | | | | | | | | |
| 8/ 7 | | .6 | | | | | | | | | | | | | | | | 33 | 33 | | 61 | 172 | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | .0 | .5 | | | | | | | | | | | | | | | | 34 | 34 | | 35 | 115 | | | | | | | | | | | | | | | | | | | | | |
| 4/ 3 | .1 | .4 | | | | | | | | | | | | | | | | 30 | 30 | | 42 | 100 | | | | | | | | | | | | | | | | | | | | | |
| 2/ 1 | .1 | .3 | | | | | | | | | | | | | | | | 20 | 20 | | 23 | 126 | | | | | | | | | | | | | | | | | | | | | |
| 0/ -1 | .0 | .0 | | | | | | | | | | | | | | | | 3 | 3 | | 6 | 78 | | | | | | | | | | | | | | | | | | | | | |
| -2/ -3 | .1 | | | | | | | | | | | | | | | | | 4 | 4 | | 5 | 59 | | | | | | | | | | | | | | | | | | | | | |
| -4/ -5 | .1 | | | | | | | | | | | | | | | | | 5 | 5 | | 5 | 40 | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | | | | Σ X | | | | | Σ | | | | | Σ ² | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | ± 0 F ± 32 F ± 67 F ± 73 F ± 80 F ± 93 F | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|--------------|-------------------------------------|------|------|-------|------|------|-------|--------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|----|-----------|----------|----------|-----------|----|--|--|--|--|--|--|--|--|----|-------|-----|-----|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | |
| 72/ 71 | | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | |
| 70/ 69 | | | | | | | .2 | | | | .1 | .1 | | | | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | |
| 68/ 67 | | | | | | .1 | .2 | .1 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | | | | | |
| 66/ 65 | | | | | | | | .2 | .5 | .7 | | | | | | | | | | | | | | | | | | | | | 12 | 12 | | | | | | | |
| 64/ 63 | | | | | | | .4 | .4 | 1.1 | .1 | | | | | | | | | | | | | | | | | | | | | 16 | 16 | | | | | | | |
| 62/ 61 | | | | | .1 | .8 | 1.1 | .7 | .1 | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | |
| 60/ 59 | | | | .1 | | 1.3 | 1.8 | .6 | | | | | | | | | | | | | | | | | | | | | | | 32 | 32 | 1 | | | | | | |
| 58/ 57 | | | .1 | .1 | .8 | 2.2 | 1.8 | .6 | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | 3 | | | | | | |
| 56/ 55 | | | .1 | | .7 | 3.6 | 1.9 | .5 | .1 | | | | | | | | | | | | | | | | | | | | | | 58 | 58 | 3 | | | | | | |
| 54/ 53 | | | | 1.0 | 2.4 | 4.0 | 2.2 | .5 | | | | | | | | | | | | | | | | | | | | | | | 83 | 83 | 12 | | | | | | |
| 52/ 51 | | | .5 | 1.4 | 4.3 | 3.1 | .8 | | | | | | | | | | | | | | | | | | | | | | | | 85 | 85 | 24 | | | | | | |
| 50/ 49 | | .2 | .7 | 2.8 | 3.5 | 2.5 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 83 | 83 | 42 | 4 | | | | | |
| 48/ 47 | | .1 | .7 | 3.0 | 3.2 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | 71 | 71 | 69 | 6 | | | | | |
| 46/ 45 | | 1.2 | 2.0 | 3.6 | 1.7 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 75 | 75 | 102 | 9 | | | | | |
| 44/ 43 | | 1.1 | 2.4 | 1.9 | 1.0 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 54 | 54 | 137 | 24 | | | | | |
| 42/ 41 | | 1.8 | .7 | 2.0 | .4 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 44 | 121 | 36 | | | | | |
| 40/ 39 | .4 | 1.8 | 1.8 | 1.3 | .2 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 49 | 49 | 116 | 50 | | | | | |
| 38/ 37 | .4 | 1.3 | 1.7 | .6 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | 69 | 110 | | | | | |
| 36/ 35 | .2 | 1.1 | 1.3 | .1 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | 26 | 50 | 126 | | | | | |
| 34/ 33 | .4 | 1.4 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | 38 | 119 | | | | | |
| 32/ 31 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 33 | 101 | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 73 | | | | | |
| 28/ 27 | | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 2 | 71 | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 52 | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | |
| TOTAL | 1.7 | 10.4 | 12.8 | 18.0 | 18.9 | 20.6 | 11.0 | 4.7 | 1.2 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | 834 | 834 | 834 | | | | | |
| Element (X) | Σ x ¹ | | | Σ x | | | Σ | Σ | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 2908865 | | | 47215 | | | 56.6 | 16.828 | 834 | | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F | | | | | | 93 | | | | | | | | | | | | | | | | | |
| Dry Bulb | 2060437 | | | 40915 | | | 49.1 | 7.991 | 834 | | | .9 | 1.4 | .1 | | | | | | 93 | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 1488023 | | | 34939 | | | 41.9 | 5.403 | 834 | | | 5.2 | | | | | | 93 | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 946138 | | | 27640 | | | 33.1 | 6.012 | 834 | | | 39.0 | | | | | | 93 | | | | | | | | | | | | | | | | | | | | | |

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|--------|---------|----|----|-------|--|--|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | DB | WB | Dr. B. | Wet B. | Dew Pt. | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | | .2 | | | | | | | .2 | | | | | | | | | | | 2 | | 2 | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | .2 | .8 | | | | | | | | | | | | | | | | | 6 | | 6 | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | .2 | .5 | .3 | .3 | .2 | .2 | | | | | | | | | | | | | 10 | | 10 | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | .3 | | .5 | | | | | | | | | | | | | | | | 5 | | 5 | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | .2 | .3 | | .7 | .2 | | | | | | | | | | | | | | 8 | | 8 | | | | | | | | | | | |
| 64/ 63 | | | | | | | | .5 | | | 1.0 | .5 | | | | | | | | | | | | | | | | | 12 | | 12 | | | | | | | | | | | |
| 62/ 61 | | | | | | | .7 | 1.3 | 1.8 | | | | | | | | | | | | | | | | | | | | 23 | | 23 | | | | | | | | | | | |
| 60/ 59 | | | .2 | .2 | 1.2 | 1.8 | 1.8 | 2.3 | | | | | | | | | | | | | | | | | | | | | 45 | | 45 | | 3 | | | | | | | | | |
| 58/ 57 | | | | .3 | .3 | 2.0 | 2.1 | 1.7 | .3 | | | | | | | | | | | | | | | | | | | | 41 | | 41 | | 5 | | | | | | | | | |
| 56/ 55 | | .3 | | .8 | 1.3 | 3.8 | 3.5 | 1.2 | | | | | | | | | | | | | | | | | | | | | 66 | | 66 | | 6 | | | | | | | | | |
| 54/ 53 | | .2 | .2 | .7 | 3.5 | 3.8 | 2.3 | .5 | | | | | | | | | | | | | | | | | | | | | 67 | | 67 | | 15 | | | | | | | | | |
| 52/ 51 | | .2 | .2 | 1.5 | 2.0 | 3.1 | 2.1 | .2 | | | | | | | | | | | | | | | | | | | | | 56 | | 56 | | 19 | | | | | | | | | |
| 50/ 49 | | .5 | .7 | 2.3 | 4.3 | 2.3 | .3 | | | | | | | | | | | | | | | | | | | | | | 63 | | 63 | | 53 | | | | | | | | | |
| 48/ 47 | | .3 | .5 | 3.5 | 2.6 | 1.5 | .2 | | | | | | | | | | | | | | | | | | | | | | 52 | | 52 | | 9 | | | | | | | | | |
| 46/ 45 | | .3 | 1.8 | 1.7 | 1.2 | .7 | | | | | | | | | | | | | | | | | | | | | | | 34 | | 34 | | 93 | | | | | | | | | |
| 44/ 43 | .2 | 2.1 | 3.1 | 1.3 | .5 | .3 | | | | | | | | | | | | | | | | | | | | | | | 46 | | 46 | | 23 | | | | | | | | | |
| 42/ 41 | | .8 | .8 | 1.3 | | .2 | | | | | | | | | | | | | | | | | | | | | | | 19 | | 19 | | 17 | | | | | | | | | |
| 40/ 39 | .2 | 1.3 | 1.0 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | 18 | | 18 | | 28 | | | | | | | | | |
| 38/ 37 | | .8 | 1.0 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | 16 | | 16 | | 73 | | | | | | | | | |
| 36/ 35 | .2 | .3 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | | 16 | | 46 | | | | | | | | | |
| 34/ 33 | .3 | .5 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 7 | | 7 | | 58 | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | | 9 | | 92 | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 72 | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 86 | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 53 | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 46 | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | |
| TOTAL | .8 | 7.8 | 10.4 | 15.2 | 16.9 | 20.7 | 14.5 | 10.2 | 2.3 | .7 | .2 | .2 | .2 | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | |
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USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

74-81

MAY

PAGE 1 2100-2300

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | .4 | | | | | | | | | | | 2 | | 2 | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | .2 | .2 | .5 | | | | | | | | | | 5 | | 5 | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | .2 | .2 | .4 | | | | | | | | | | | 4 | | 4 | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | .2 | .4 | .7 | | | | | | | | | | | 9 | | 9 | | | | | | | | | | | | | | | |
| 58/ 57 | | .2 | .4 | | .7 | .5 | 2.0 | .2 | | | | | | | | | | 22 | | 22 | | | | | | | | | | | | | | | |
| 56/ 55 | | .4 | .2 | .5 | .9 | 1.1 | 1.3 | | | | | | | | | | | 24 | | 24 | 2 | | | | | | | | | | | | | | |
| 54/ 53 | | .5 | .7 | 1.6 | 1.1 | 2.6 | .9 | .2 | | | | | | | | | | 42 | | 42 | 9 | | | | | | | | | | | | | | |
| 52/ 51 | | .2 | 1.1 | .2 | 2.2 | 2.2 | .7 | .2 | | | | | | | | | | 37 | | 37 | 5 | | | | | | | | | | | | | | |
| 50/ 49 | | .3 | 1.6 | 2.4 | 4.4 | 2.2 | .2 | | | | | | | | | | | 60 | | 67 | 71 | | | | | | | | | | | | | | |
| 48/ 47 | | 1.5 | 1.5 | 3.8 | 3.8 | .9 | .2 | | | | | | | | | | | 64 | | 64 | 32 | | | | | | | | | | | | | | |
| 46/ 45 | | .9 | 1.5 | 3.7 | 2.9 | 1.3 | | | | | | | | | | | | 56 | | 56 | 40 | | | | | | | | | | | | | | |
| 44/ 43 | .2 | 3.1 | 4.0 | 2.7 | 2.6 | .9 | | | | | | | | | | | | 74 | | 74 | 68 | | | | | | | | | | | | | | |
| 42/ 41 | | 2.0 | 2.9 | 2.7 | 1.1 | | | | | | | | | | | | | 48 | | 48 | 91 | | | | | | | | | | | | | | |
| 40/ 39 | .2 | 2.4 | .8 | 1.5 | .7 | | | | | | | | | | | | | 36 | | 36 | 87 | | | | | | | | | | | | | | |
| 38/ 37 | | .4 | .9 | 1.8 | .2 | | | | | | | | | | | | | 18 | | 18 | 72 | | | | | | | | | | | | | | |
| 36/ 35 | | 1.1 | 1.1 | .5 | | | | | | | | | | | | | | 15 | | 15 | 42 | | | | | | | | | | | | | | |
| 34/ 33 | | 1.6 | .5 | | | | | | | | | | | | | | | 12 | | 12 | 33 | | | | | | | | | | | | | | |
| 32/ 31 | 1.3 | .7 | .7 | .2 | | | | | | | | | | | | | | 16 | | 16 | 27 | | | | | | | | | | | | | | |
| 30/ 29 | | | .2 | | | | | | | | | | | | | | | 1 | | 1 | 5 | | | | | | | | | | | | | | |
| 28/ 27 | | | .2 | | | | | | | | | | | | | | | 1 | | 1 | 4 | | | | | | | | | | | | | | |
| 26/ 25 | | | .2 | | | | | | | | | | | | | | | 1 | | 1 | 2 | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 2.0 | 15.7 | 20.5 | 27.1 | 20.8 | 12.4 | 6.2 | 2.2 | | | | | | | | | | 547 | | 547 | 547 | | | | | | | | | | | | | | |

| Element (X) | Σx^1 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 2260350 | 33934 | 62.0 | 16.843 | 547 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | |
| Dry Bulb | 1200532 | 25346 | 46.3 | 6.909 | 547 | | 3.2 | | | | | 93 |
| Wet Bulb | 913634 | 22168 | 40.5 | 5.284 | 547 | | 6.6 | | | | | 93 |
| Dew Point | 622525 | 18089 | 33.1 | 6.676 | 547 | | 45.4 | | | | | 93 |

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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| 702315 | TATALINA AFS AK |
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73-81

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

7 2315 TATALINA AFS AK

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

7-23-5 TATALINA AFS AK

73-31

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0600-0800

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|-----|-------|-----|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 77/ 69 | | | | | | | | .1 | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | | | | |
| 64/ 67 | | | | | | .3 | .1 | .1 | .1 | | | | | | | | | 5 | | | | | | | | | | | | | | 5 | | | | |
| 66/ 65 | | | | | | | | .3 | | | | | | | | | | 2 | | | | | | | | | | | | | | 2 | | | | |
| 64/ 63 | | | | | .4 | .8 | .9 | .5 | | | | | | | | | | 20 | | | | | | | | | | | | | | 20 | | | | |
| 62/ 61 | | | | .3 | .8 | .4 | 1.1 | .4 | | | | | | | | | | 23 | | | | | | | | | | | | | | 23 | | | | |
| 60/ 59 | | | .1 | 1.4 | 1.3 | 1.3 | .4 | | | | | | | | | | | 35 | | | | | | | | | | | | | | 35 | | | | |
| 58/ 57 | | | .8 | 2.0 | 3.2 | 1.6 | .6 | | | | | | | | | | | 65 | | | | | | | | | | | | | | 65 | | 2 | | |
| 56/ 55 | | | 1.5 | 2.8 | 2.0 | .6 | | | | | | | | | | | | 55 | | | | | | | | | | | | | | 55 | | 13 | | |
| 54/ 53 | | .3 | 2.7 | 2.4 | 1.5 | .5 | | | | | | | | | | | | 58 | | | | | | | | | | | | | | 58 | | 30 | | |
| 52/ 51 | .1 | 1.5 | 3.0 | 3.9 | 1.3 | | | | | | | | | | | | | 78 | | | | | | | | | | | | | | 78 | | 66 | 9 | |
| 50/ 49 | .1 | 2.2 | 4.2 | 3.3 | 2.7 | | | | | | | | | | | | | 91 | | | | | | | | | | | | | | 91 | | 109 | 33 | |
| 48/ 47 | .6 | 5.1 | 3.4 | 3.8 | .6 | | | | | | | | | | | | | 107 | | | | | | | | | | | | | | 107 | | 101 | 47 | |
| 46/ 45 | .5 | 5.8 | 3.7 | 1.9 | .1 | | | | | | | | | | | | | 95 | | | | | | | | | | | | | | 95 | | 135 | 94 | |
| 44/ 43 | .4 | 5.3 | 2.2 | .9 | .1 | .1 | | | | | | | | | | | | 70 | | | | | | | | | | | | | | 70 | | 124 | 108 | |
| 42/ 41 | .3 | 3.3 | 1.1 | .4 | .1 | | | | | | | | | | | | | 41 | | | | | | | | | | | | | | 41 | | 99 | 117 | |
| 40/ 39 | 1.1 | 1.3 | .4 | | | | | | | | | | | | | | | 22 | | | | | | | | | | | | | | 22 | | 64 | 137 | |
| 38/ 37 | .8 | .3 | .4 | .3 | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | 13 | | 26 | 84 | |
| 36/ 35 | | .1 | .4 | .1 | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | 5 | | 6 | 66 | |
| 34/ 33 | | | .1 | .1 | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | 2 | | 7 | 46 | |
| 32/ 31 | | | | .1 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | | 4 | 28 | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| TOTAL | 3.9 | 25.1 | 24.0 | 23.3 | 13.4 | 5.6 | 3.2 | 1.4 | .1 | | | | | | | | | | 789 | | | | | | | | | | | | | 789 | | 789 | | |
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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

772315 TATALINA AFS AK

73-81

JUN

STATION STATION NAME

YEARS

PAGE 1 0900-1100

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

73-81

JUN

| STATION | STATION NAME |
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YEARS

PAGE 1 1200-1400

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1500-1700

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

772315 TATALINA AFS AK

74-76,78-81

JUN

PAGE 1 1800-2000

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 77/ 79 | | | | | | | | | | .9 | .2 | .2 | | | | | | 6 | 6 | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | | | .2 | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | .2 | .2 | .2 | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | .9 | .7 | .4 | .2 | | | | | | | 10 | 10 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | .4 | 2.0 | .9 | | | | | | | | | 15 | 15 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | .7 | .9 | 1.5 | 1.3 | | | | | | | | | | 16 | 16 | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | .7 | 1.5 | .2 | .9 | | | | | | | | | 15 | 15 | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | .2 | 2.2 | 2.4 | .7 | .7 | | | | | | | | | 28 | 28 | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | .7 | 2.4 | 2.4 | 1.5 | .9 | | | | | | | | | | 36 | 36 | 5 | | | | | | | | | | | | | | | |
| 60/ 59 | | | .9 | .7 | 2.9 | 2.6 | .9 | .4 | | | | | | | | | | 36 | 36 | 2 | | | | | | | | | | | | | | | |
| 58/ 57 | | .2 | 1.1 | 1.5 | 4.4 | 2.9 | | .4 | | | | | | | | | | 48 | 48 | 18 | | | | | | | | | | | | | | | |
| 56/ 55 | | .4 | 1.3 | 2.0 | 3.1 | 2.2 | | .2 | | | | | | | | | | 42 | 42 | 36 | 1 | | | | | | | | | | | | | | |
| 54/ 53 | | .7 | 2.2 | 1.5 | 2.0 | 1.3 | | | | | | | | | | | | 35 | 35 | 57 | 5 | | | | | | | | | | | | | | |
| 52/ 51 | | 2.2 | 1.5 | 3.7 | 2.2 | .7 | | | | | | | | | | | | 47 | 47 | 53 | 11 | | | | | | | | | | | | | | |
| 50/ 49 | .2 | 2.9 | 3.1 | 1.8 | 1.1 | | | | | | | | | | | | | 41 | 41 | 79 | 27 | | | | | | | | | | | | | | |
| 48/ 47 | .7 | 4.4 | 1.3 | .7 | | | | | | | | | | | | | | 32 | 32 | 66 | 50 | | | | | | | | | | | | | | |
| 46/ 45 | 1.1 | 4.0 | .4 | | .2 | | | | | | | | | | | | | 26 | 26 | 79 | 68 | | | | | | | | | | | | | | |
| 44/ 43 | | 2.0 | .4 | | | | | | | | | | | | | | | 11 | 11 | 36 | 75 | | | | | | | | | | | | | | |
| 42/ 41 | | .2 | .2 | | | | | | | | | | | | | | | 2 | 2 | 19 | 80 | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 4 | 48 | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 33 | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 23 | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 2.0 | 17.0 | 12.6 | 12.6 | 18.7 | 15.9 | 8.4 | 7.3 | 3.3 | 1.5 | .7 | .2 | | | | | | 454 | 454 | 454 | 454 | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

YEAR

JUN 19 1964

PAGE 1 2100-2300

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|-----|--|-----|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 79 / 77 | | | | | | | | | | .2 | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 74 / 73 | | | | | | | | | | .2 | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 72 / 71 | | | | | | | | | | .2 | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 69 | | | | | | | | .4 | .6 | | | | | | | | | 5 | 5 | | | | | | | | | | | | | |
| 69 / 67 | | | | | | .2 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 68 / 65 | | | | | .2 | .6 | | .6 | .4 | | | | | | | | | 9 | 9 | | | | | | | | | | | | | |
| 64 / 63 | | | | | .2 | 1.9 | 1.2 | .2 | | | | | | | | | | 17 | 17 | | | | | | | | | | | | | |
| 62 / 61 | | | | .2 | .8 | .6 | .8 | .8 | .2 | | | | | | | | | 17 | 17 | | 1 | | | | | | | | | | | |
| 60 / 59 | | | .6 | .4 | 1.9 | 2.3 | .4 | .6 | | | | | | | | | | 30 | 37 | | | | | | | | | | | | | |
| 54 / 57 | | .2 | .4 | 1.2 | 2.5 | 1.4 | .2 | .2 | .2 | | | | | | | | | 31 | 31 | | 2 | | | | | | | | | | | |
| 56 / 55 | | .2 | 1.7 | 2.5 | 4.8 | 1.9 | | | | | | | | | | | | 53 | 53 | 15 | | | | | | | | | | | | |
| 54 / 53 | .2 | .4 | 2.3 | 5.4 | 3.3 | 1.0 | | | | | | | | | | | | 61 | 61 | 35 | 7 | | | | | | | | | | | |
| 52 / 51 | | 1.7 | 1.9 | 4.3 | 2.1 | .8 | .2 | | | | | | | | | | | 53 | 53 | 44 | 4 | | | | | | | | | | | |
| 50 / 49 | | 3.9 | 2.1 | 3.9 | .8 | | | | | | | | | | | | | 52 | 52 | 64 | 13 | | | | | | | | | | | |
| 46 / 47 | 1.7 | 5.2 | 2.9 | 1.9 | .6 | | | | | | | | | | | | | 56 | 56 | 99 | 51 | | | | | | | | | | | |
| 46 / 45 | 1.7 | 4.5 | 2.1 | .8 | | | | | | | | | | | | | | 44 | 44 | 98 | 54 | | | | | | | | | | | |
| 44 / 43 | .6 | 4.8 | 1.2 | .4 | | | | | | | | | | | | | | 34 | 34 | 67 | 78 | | | | | | | | | | | |
| 42 / 41 | | 2.1 | .2 | | | | | | | | | | | | | | | 11 | 11 | 47 | 74 | | | | | | | | | | | |
| 47 / 39 | .4 | .4 | | | | | | | | | | | | | | | | 4 | 4 | 18 | 68 | | | | | | | | | | | |
| 38 / 37 | .2 | .4 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 37 | | | | | | | | | | | |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | 39 | | | | | | | | | | | |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| TOTAL | 4.1 | 23.8 | 15.3 | 21.1 | 17.1 | 10.5 | 3.1 | 2.7 | 1.7 | .6 | | | | | | | | 434 | 484 | 484 | 464 | | | | | | | | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

STATION

STATION NAME

YEARS

JUN

PAGE 1

ALL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--------|--|--|--------|--|--|--------|--|--|--------|-------|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 70/ 79 | | | | | | | | | | .0 | .1 | .1 | .0 | | | | | 19 | 19 | | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | .0 | .0 | .1 | .1 | | | | | | | 16 | 16 | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | .0 | .2 | .1 | .2 | .0 | | | | | | 30 | 30 | | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | .1 | .1 | .3 | .2 | .2 | .1 | | | | | | 53 | 53 | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | .0 | .1 | .6 | .3 | .3 | .1 | | | | | | 81 | 81 | | | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | .0 | .1 | .1 | .3 | 1.2 | .5 | .1 | | | | | | | | 122 | 122 | | | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | .0 | .1 | .5 | 1.1 | .9 | .4 | .2 | | | | | | | | 177 | 177 | | | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | .0 | .3 | .7 | .3 | .7 | .3 | .0 | | | | | | | | 161 | 161 | | 1 | | | | | | | | | | | | | | | | |
| 64/ 63 | | | .0 | .1 | .5 | 1.5 | 1.3 | .7 | .5 | .0 | | | | | | | | 260 | 260 | | 7 | | | | | | | | | | | | | | | | |
| 62/ 61 | | | .4 | 1.3 | 1.7 | 1.4 | .5 | .1 | | | | | | | | | | 258 | 258 | | 26 | | | | | | | | | | | | | | | | |
| 60/ 59 | | | .3 | .8 | 1.4 | 1.5 | .8 | .3 | | | | | | | | | | 277 | 277 | | 69 | | | | | | | | | | | | | | | | |
| 58/ 57 | | .1 | .5 | 1.3 | 2.7 | 1.6 | .5 | .1 | .0 | | | | | | | | | 376 | 376 | 153 | 10 | | | | | | | | | | | | | | | | |
| 56/ 55 | | .2 | 1.1 | 2.2 | 2.5 | 1.6 | .3 | .1 | | | | | | | | | | 437 | 437 | 293 | 10 | | | | | | | | | | | | | | | | |
| 54/ 53 | .1 | .4 | 1.7 | 2.8 | 2.0 | .8 | .1 | .0 | | | | | | | | | | 441 | 444 | 422 | 49 | | | | | | | | | | | | | | | | |
| 52/ 51 | .1 | 1.7 | 2.5 | 3.2 | 1.7 | .6 | .0 | | | | | | | | | | | 531 | 531 | 462 | 104 | | | | | | | | | | | | | | | | |
| 50/ 49 | .3 | 2.6 | 3.0 | 3.2 | 1.0 | .3 | | | | | | | | | | | | 578 | 578 | 744 | 272 | | | | | | | | | | | | | | | | |
| 48/ 47 | .4 | 4.1 | 2.5 | 2.0 | .5 | .1 | | | | | | | | | | | | 555 | 556 | 808 | 426 | | | | | | | | | | | | | | | | |
| 46/ 45 | .7 | 4.5 | 2.3 | 1.2 | .1 | | | | | | | | | | | | | 492 | 492 | 672 | 675 | | | | | | | | | | | | | | | | |
| 44/ 43 | .5 | 3.6 | 1.5 | .5 | .1 | .0 | | | | | | | | | | | | 339 | 339 | 721 | 799 | | | | | | | | | | | | | | | | |
| 42/ 41 | .2 | 2.0 | .8 | .1 | .1 | | | | | | | | | | | | | 178 | 178 | 492 | 777 | | | | | | | | | | | | | | | | |
| 40/ 39 | .5 | .8 | .2 | .1 | .1 | | | | | | | | | | | | | 92 | 92 | 286 | 813 | | | | | | | | | | | | | | | | |
| 38/ 37 | .4 | .4 | .1 | .1 | | | | | | | | | | | | | | 51 | 51 | 109 | 574 | | | | | | | | | | | | | | | | |
| 36/ 35 | | .1 | .2 | .0 | | | | | | | | | | | | | | 20 | 20 | 31 | 400 | | | | | | | | | | | | | | | | |
| 34/ 33 | | .0 | .1 | .0 | | | | | | | | | | | | | | 7 | 7 | 23 | 257 | | | | | | | | | | | | | | | | |
| 32/ 31 | .0 | .1 | .0 | .0 | | | | | | | | | | | | | | 7 | 7 | 20 | 150 | | | | | | | | | | | | | | | | |
| 30/ 29 | | | .0 | | | | | | | | | | | | | | | 2 | 2 | 6 | 88 | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 4 | 30 | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 27 | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| TOTAL | 1.2 | 2.0 | 5.1 | 6.9 | 18.0 | 14.5 | 10.3 | 6.9 | 5.4 | 2.5 | 1.1 | .6 | .1 | | | | | 5551 | 5555 | 5551 | 5551 | | | | | | | | | | | | | | | | |
| Element (X) | Σ x ² | | | Σ x | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | | | | |
| Rel. Hum. | 26030317 | | | 366059 | | | 65.9 | | | 8.457 | | | 5551 | | | ≤ 0 F | | | ≤ 32 F | | | ≤ 67 F | | | ≤ 73 F | | | ≤ 80 F | | | ≤ 93 F | | | Total | | | |
| Dry Bulb | 16277601 | | | 297047 | | | 53.5 | | | 8.416 | | | 5555 | | | | | | 1.2 | | | 63.4 | | | 14.1 | | | | | | | | | 720 | | | |
| Wet Bulb | 12583037 | | | 262641 | | | 47.3 | | | 5.308 | | | 5551 | | | | | | 4.0 | | | .1 | | | | | | | | | | | | 720 | | | |
| Dew Point | 9583950 | | | 228610 | | | 41.2 | | | 5.518 | | | 5551 | | | | | | 43.2 | | | | | | | | | | | | | | | 720 | | | |

USAF/TAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

712315 TATALINA AFS AK

73-81

JUL

PAGE 1 0000-2200

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|-----|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew-Point | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | |
| 68/ 67 | | | | | | .8 | .4 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | |
| 66/ 65 | | | | | .8 | 1.2 | .7 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | |
| 64/ 63 | | | | .3 | .5 | 1.8 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | |
| 62/ 61 | | | | .3 | 1.6 | .7 | .5 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 26 | 26 | |
| 60/ 59 | | .5 | .3 | 1.8 | 2.6 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | 49 | |
| 58/ 57 | .3 | 1.6 | 4.2 | 3.7 | .8 | 1.2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 88 | 89 | |
| 56/ 55 | .5 | 2.9 | 5.0 | 3.9 | 1.2 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 104 | 104 | |
| 54/ 53 | 1.1 | 6.4 | 4.9 | 2.2 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 112 | 112 | |
| 52/ 51 | 1.8 | 4.2 | 4.1 | 1.4 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 87 | 87 | |
| 50/ 49 | .8 | 5.9 | 4.1 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 91 | 91 | |
| 48/ 47 | 1.6 | 5.7 | 1.5 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 75 | 75 | |
| 46/ 45 | .3 | 2.4 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | 30 | |
| 44/ 43 | .1 | .7 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | |
| 42/ 41 | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | |
| 40/ 39 | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 6.5 | 31.0 | 25.9 | 16.5 | 8.7 | 7.8 | 2.2 | 1.0 | .5 | | | | | | | | | | | | | | | | | | | | | | | | 735 | 735 | |

| Element (X) | Σx^1 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 4516262 | 56452 | 76.8 | 5.679 | 735 | < 0 F | < 32 F | > 67 F | > 73 F | > 80 F | > 93 F | |
| Dry Bulb | 2169772 | 39766 | 54.0 | 5.373 | 736 | | | 1.8 | | | | 93 |
| Wet Bulb | 1844458 | 36716 | 50.0 | 3.756 | 735 | | | | | | | 93 |
| Dew Point | 1592193 | 34037 | 46.3 | 4.666 | 735 | | | | | | | 93 |

FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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PSYCHROMETRIC SUMMARY

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-------|-------|-------|-------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | DB WB | DB WB | WB DB | WB DB | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | .1 | .1 | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | .1 | .2 | .1 | .5 | | | | | | | | | | | 8 | 8 | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | .4 | .6 | .2 | | | | | | | | | | | 10 | 10 | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | 1.0 | .9 | .2 | .5 | | | | | | | | | | | 21 | 21 | | | | | | | | | | | | | | | | |
| 60/ 59 | .1 | .2 | .4 | 1.9 | 2.2 | 1.0 | .1 | | | | | | | | | | | 48 | 49 | | | | | | | | | | | | | | | | |
| 58/ 57 | .1 | .1 | 2.2 | 2.4 | 1.4 | .7 | .4 | | | | | | | | | | | 59 | 59 | | | | | | | | | | | | | | | | |
| 56/ 55 | .9 | 2.1 | 4.2 | 2.7 | .9 | .2 | .2 | | | | | | | | | | | 91 | 91 | | | | | | | | | | | | | | | | |
| 54/ 53 | .9 | 4.2 | 5.6 | 1.7 | 1.0 | .1 | | | | | | | | | | | | 117 | 117 | | | | | | | | | | | | | | | | |
| 52/ 51 | 3.1 | 6.1 | 5.4 | 1.4 | .2 | | | | | | | | | | | | | 130 | 130 | | | | | | | | | | | | | | | | |
| 50/ 49 | 2.4 | 7.7 | 4.6 | 1.7 | .2 | | | | | | | | | | | | | 134 | 134 | | | | | | | | | | | | | | | | |
| 48/ 47 | 2.6 | 7.2 | 2.2 | 1.0 | | | | | | | | | | | | | | 105 | 105 | | | | | | | | | | | | | | | | |
| 46/ 45 | .1 | 4.2 | 1.6 | .4 | | | | | | | | | | | | | | 51 | 51 | | | | | | | | | | | | | | | | |
| 44/ 43 | .5 | .9 | 1.0 | | | | | | | | | | | | | | | 19 | 19 | | | | | | | | | | | | | | | | |
| 42/ 41 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 40/ 39 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 38/ 37 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 17.8 | 33.5 | 27.4 | 15.3 | 7.5 | 3.1 | 2.0 | .1 | .2 | | | | | | | | | 803 | 803 | | | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 5294779 | 64159 | 79.9 | 4.496 | 803 | ≤ 0 F | ~ 32 F | ~ 67 F | ~ 73 F | ~ 80 F | ~ 93 F | |
| Dry Bulb | 2208565 | 41933 | 52.2 | 4.842 | 803 | | | .3 | | | | 93 |
| Wet Bulb | 1927645 | 39233 | 48.9 | 3.669 | 803 | | | | | | | 93 |
| Dew Point | 1697992 | 36742 | 45.8 | 4.581 | 803 | | .5 | | | | | 93 |

PSYCHROMETRIC SUMMARY

7-2315 TATALLINA AFS AK

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STATION NAME

YEARS

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | .1 | .1 | | | | | | | | | 2 | | 2 | | | | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | .1 | .2 | .2 | .1 | | | | | | | | | 6 | | 6 | | | | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | .1 | .6 | .6 | .1 | | | | | | | | | | 12 | | 12 | | | | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | 1.0 | .7 | .2 | .1 | | | | | | | | | | 17 | | 17 | | | | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | .4 | 1.4 | 1.2 | .5 | | | | | | | | | | | 28 | | 28 | | | | | | | | | | | | | | | | | | | |
| 62/ 61 | | | .5 | 1.7 | 1.9 | .9 | .2 | | | | | | | | | | | 42 | | 42 | | | | | | | | | | | | | | | | | | | |
| 60/ 59 | | .1 | 1.6 | 3.2 | 1.9 | .7 | .1 | | | | | | | | | | | 62 | | 62 | 6 | | | | | | | | | | | | | | | | | | |
| 58/ 57 | .1 | .5 | 3.2 | 4.3 | 1.6 | | | | | | | | | | | | | 76 | | 76 | 27 | | | | | | | | | | | | | | | | | | |
| 56/ 55 | .4 | 2.6 | 5.1 | 2.9 | 1.4 | .1 | | | | | | | | | | | | 100 | | 100 | 76 | | | | | | | | | | | | | | | | | | |
| 54/ 53 | 1.2 | 4.6 | 5.5 | 1.7 | 1.0 | | | | | | | | | | | | | 113 | | 113 | 116 | | | | | | | | | | | | | | | | | | |
| 52/ 51 | 2.7 | 5.5 | 4.2 | 2.0 | .1 | | | | | | | | | | | | | 117 | | 117 | 166 | | | | | | | | | | | | | | | | | | |
| 50/ 49 | 2.4 | 7.1 | 2.6 | 1.6 | | | | | | | | | | | | | | 110 | | 110 | 155 | | | | | | | | | | | | | | | | | | |
| 48/ 47 | 2.2 | 5.2 | 1.6 | .4 | | | | | | | | | | | | | | 76 | | 76 | 132 | | | | | | | | | | | | | | | | | | |
| 46/ 45 | .6 | 2.2 | .4 | | | | | | | | | | | | | | | 26 | | 26 | 75 | | | | | | | | | | | | | | | | | | |
| 44/ 43 | .1 | 1.2 | .2 | | | | | | | | | | | | | | | 13 | | 13 | 33 | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | .2 | .1 | | | | | | | | | | | | | | | 3 | | 3 | 13 | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | .1 | | | | | | | | | | | | | | | | 1 | | 1 | 5 | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 23 | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| TOTAL | 9.8 | 29.5 | 25.1 | 17.9 | 10.3 | 4.5 | 2.0 | .4 | .5 | | | | | | | | | 804 | | 804 | 804 | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dr. Bul. | Wet Bulb | Dr. Point | | | | | | | | | | | |
| 85/ | | | | | | | | | | | .3 | | | | | | | 2 | | 2 | | | | | | | | | | | | |
| 84/ | | | | | | | | | | .2 | | | | | | | | 1 | | 1 | | | | | | | | | | | | |
| 82/ | | | | | | | | | .5 | .5 | .2 | | | | | | | 7 | | 7 | | | | | | | | | | | | |
| 80/ | | | | | | | | .3 | .3 | .3 | .6 | .3 | | | | | | 12 | | 12 | | | | | | | | | | | | |
| 78/ | | | | | | | .5 | 1.3 | | .5 | .5 | .2 | | | | | | 13 | | 13 | | | | | | | | | | | | |
| 76/ | | | | | | .2 | .6 | .5 | .8 | .5 | | | | | | | | 16 | | 16 | | | | | | | | | | | | |
| 74/ | | | | | .2 | .6 | .8 | .9 | 1.1 | | .2 | | | | | | | 24 | | 24 | | | | | | | | | | | | |
| 72/ | | | | | .3 | .8 | 1.3 | 1.3 | .3 | | | | | | | | | 25 | | 25 | | | | | | | | | | | | |
| 70/ | | | | | .8 | 1.1 | 1.9 | 1.9 | .5 | .2 | | | | | | | | 40 | | 40 | | | | | | | | | | | | |
| 68/ | | | | .3 | 1.7 | 2.2 | 3.0 | .8 | .6 | .2 | | | | | | | | 56 | | 56 | 1 | | | | | | | | | | | |
| 66/ | | | | 1.3 | .8 | 1.3 | 1.4 | .5 | .6 | | | | | | | | | 38 | | 38 | 19 | | | | | | | | | | | |
| 64/ | | | .2 | 1.7 | 3.8 | .8 | .6 | .3 | | | | | | | | | | 47 | | 47 | 22 | | | | | | | | | | | |
| 62/ | | | .5 | 1.6 | 3.6 | .6 | .6 | .9 | | | | | | | | | | 50 | | 50 | 28 | | | | | | | | | | | |
| 60/ | .6 | 1.3 | 2.3 | 2.5 | 2.7 | 1.1 | .5 | | | | | | | | | | | 70 | | 70 | 62 | | | | | | | | | | | |
| 58/ | | 1.1 | 2.2 | 1.9 | 1.9 | .5 | .3 | | | | | | | | | | | 50 | | 50 | 97 | | | | | | | | | | | |
| 56/ | .2 | 1.7 | 2.7 | 1.6 | 1.4 | .5 | | | | | | | | | | | | 51 | | 51 | 93 | | | | | | | | | | | |
| 54/ | .2 | 1.3 | 2.2 | .6 | | .3 | .5 | | | | | | | | | | | 32 | | 32 | 97 | | | | | | | | | | | |
| 52/ | .2 | 1.7 | 2.7 | .8 | .5 | .2 | .2 | | | | | | | | | | | 39 | | 39 | 64 | | | | | | | | | | | |
| 50/ | | 1.6 | .6 | .5 | .2 | .2 | | | | | | | | | | | | 19 | | 19 | 60 | | | | | | | | | | | |
| 48/ | .5 | 1.7 | .6 | .3 | | | | | | | | | | | | | | 20 | | 20 | 56 | | | | | | | | | | | |
| 46/ | | 1.1 | .8 | .3 | | | | | | | | | | | | | | 14 | | 14 | 23 | | | | | | | | | | | |
| 44/ | | .3 | .2 | .3 | | | | | | | | | | | | | | 5 | | 5 | 15 | | | | | | | | | | | |
| 42/ | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | |
| 40/ | | .6 | | | | | | | | | | | | | | | | 4 | | 4 | 4 | | | | | | | | | | | |
| 38/ | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| 36/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.6 | 12.3 | 14.8 | 13.6 | 17.7 | 10.2 | 12.0 | 8.6 | 4.7 | 2.3 | 1.7 | .5 | | | | | | 640 | | 640 | 640 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 640 | | 640 | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum. | 2685602 | 39804 | 62.2 | 18.130 | 640 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Dry Bulb | 2492946 | 39542 | 61.8 | 8.834 | 640 | | | 29.2 | 11.6 | 2.3 | | 93 |
| Wet Bulb | 1884126 | 34536 | 54.0 | 5.661 | 640 | | | | .1 | | | 93 |
| Dew Point | 1467011 | 30373 | 47.5 | 6.326 | 640 | | 1.9 | | | | | 93 |

PSYCHROMETRIC SUMMARY

73-74, 76-81

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TATALINA AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE
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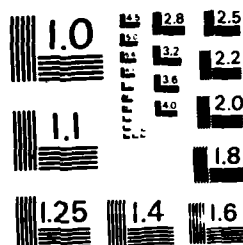
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PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK 73-81

YEARS

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------------|-------|-------|-------|----------|----------|----------|-----------|------------------------------------|--|--|--|--------|--|--|--|--------|--|--|--------------------|--------|-----|-----|-----|--------|--|--|--|--------|--|--|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | .1 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | .1 | .1 | | | | | | | | | | | | | | | | | 11 | 11 | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | .1 | .0 | | | | | | | | | | | | | | | | | 20 | 20 | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | | .2 | .3 | | .1 | .2 | | | .1 | .0 | | | | | | | | | | | | | | | 49 | 49 | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | .1 | .2 | .2 | .3 | | .1 | | | | | | | | | | | | | | | | | | | | 47 | 47 | | | | | | | | | | | | | |
| 74/ 73 | | | | | | .1 | .2 | | .4 | .3 | | .3 | | .0 | | .0 | | | | | | | | | | | | | | | | | | 68 | 68 | | | | | | | | | | | | | |
| 72/ 71 | | | | | .0 | .1 | .3 | | .6 | .4 | | .1 | | .0 | | | | | | | | | | | | | | | | | | | | 83 | 83 | | | | | | | | | | | | | |
| 70/ 69 | | | | .1 | .1 | .3 | .6 | | .8 | .4 | | .1 | | .0 | | | | | | | | | | | | | | | | | | | | 130 | 130 | | | | | | | | | | | | | |
| 68/ 67 | | | | .0 | .1 | .9 | .9 | 1.0 | .2 | | .1 | | .0 | | | | | | | | | | | | | | | | | | | | | 182 | 182 | | 1 | | | | | | | | | | | |
| 66/ 65 | | .0 | | .1 | .6 | 1.1 | 1.1 | .5 | .2 | | .1 | | .0 | | | | | | | | | | | | | | | | | | | | | 219 | 219 | | 47 | | | | | | | | | | | |
| 64/ 63 | | | | .1 | 1.0 | 1.6 | .9 | .5 | .2 | | .0 | | | | | | | | | | | | | | | | | | | | | | | 236 | 236 | | 65 | | | | | | | | | | | |
| 62/ 61 | | .1 | | .8 | 1.8 | 1.7 | .8 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 331 | 331 | | 107 | | | | | | | | | | | |
| 60/ 59 | .1 | 1.0 | 2.4 | 2.4 | 1.5 | .6 | .2 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | 462 | 462 | | 231 | | | | | | | | | | | |
| 58/ 57 | .1 | 1.7 | 2.4 | 2.3 | 1.3 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 559 | 559 | | 628 | | | | | | | | | | | |
| 56/ 55 | .4 | 3.1 | 3.0 | 2.1 | .9 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 569 | 569 | | 699 | | | | | | | | | | | |
| 54/ 53 | .9 | 3.0 | 3.7 | 1.8 | .4 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 560 | 560 | | 687 | | | | | | | | | | | |
| 52/ 51 | 1.0 | 3.8 | 3.5 | 1.0 | .5 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 504 | 504 | | 736 | | | | | | | | | | | |
| 50/ 49 | .9 | 3.9 | 3.0 | .8 | .3 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 426 | 427 | | 713 | | | | | | | | | | | |
| 48/ 47 | 1.2 | 4.4 | 1.3 | .5 | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 302 | 302 | | 490 | | | | | | | | | | | |
| 46/ 45 | 1.0 | 2.9 | 1.1 | .4 | .0 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 167 | 167 | | 329 | | | | | | | | | | | |
| 44/ 43 | .3 | 1.6 | .8 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 99 | 99 | | 186 | | | | | | | | | | | |
| 42/ 41 | .2 | 1.0 | .6 | .0 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 57 | 57 | | 122 | | | | | | | | | | | | |
| 40/ 39 | .2 | .6 | .2 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | 38 | | 63 | | | | | | | | | | | | |
| 38/ 37 | .1 | .5 | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 37 | 37 | | 54 | | | | | | | | | | | | | |
| 36/ 35 | .2 | .4 | .0 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | | 25 | | | | | | | | | | | | | |
| 34/ 33 | .1 | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (K) | Σ H ² | | | | Σ H | | | | Σ | | | | Σ _n | | | | No. Obs. | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ± 0 F | | | | ± 32 F | | | | ± 67 F | | | | ± 73 F | | | | ± 88 F | | | | ± 93 F | | | | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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MOLES

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|-------|------|------|-------|----------------|----------|------------------------------------|-------|--------|-------|--------|-------|--------|------|-----------|----------|----------|-----------|-------|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70/ 69 | | | | | .1 | | .1 | .6 | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | |
| 68/ 67 | | | | | | .1 | .5 | .4 | .3 | | | | | | | | | 10 | 10 | | | | | | | | | | | | | |
| 66/ 65 | | | | | .4 | .4 | .5 | .3 | .1 | | | | | | | | | 13 | 13 | | | | | | | | | | | | | |
| 64/ 63 | | | | .1 | | 1.3 | .6 | .8 | .1 | | | | | | | | | 23 | 23 | | | | | | | | | | | | | |
| 62/ 61 | | | | .1 | .4 | .9 | 1.5 | .6 | | | | | | | | | | 28 | 28 | 1 | | | | | | | | | | | | |
| 60/ 59 | | .1 | .4 | .8 | 2.0 | 1.2 | .4 | .1 | | | | | | | | | | 39 | 39 | | | | | | | | | | | | | |
| 58/ 57 | | .1 | .3 | .6 | 2.2 | 2.2 | .4 | .1 | | | | | | | | | | 46 | 46 | 8 | 1 | | | | | | | | | | | |
| 56/ 55 | | | .3 | 2.7 | 3.2 | .9 | .3 | | | | | | | | | | | 57 | 57 | 18 | 1 | | | | | | | | | | | |
| 54/ 53 | | | 1.2 | 2.4 | 1.7 | .3 | | | | | | | | | | | | 43 | 43 | 26 | 2 | | | | | | | | | | | |
| 52/ 51 | | .3 | 3.5 | 1.9 | 2.6 | .1 | .3 | | | | | | | | | | | 67 | 67 | 40 | 4 | | | | | | | | | | | |
| 50/ 49 | .6 | 1.3 | 2.7 | 3.7 | 1.3 | .3 | .1 | | | | | | | | | | | 78 | 78 | 96 | 13 | | | | | | | | | | | |
| 48/ 47 | .6 | 2.4 | 1.3 | 2.8 | 1.2 | .4 | | | | | | | | | | | | 68 | 68 | 119 | 34 | | | | | | | | | | | |
| 46/ 45 | 1.3 | 4.2 | 2.2 | .9 | .8 | | | | | | | | | | | | | 73 | 73 | 92 | 77 | | | | | | | | | | | |
| 44/ 43 | 1.4 | 1.5 | 1.4 | .8 | .1 | | | | | | | | | | | | | 47 | 47 | 98 | 93 | | | | | | | | | | | |
| 42/ 41 | 1.0 | 1.3 | 2.0 | 1.3 | .4 | | | | | | | | | | | | | 47 | 47 | 68 | 107 | | | | | | | | | | | |
| 40/ 39 | .4 | .9 | 1.9 | .9 | .1 | | | | | | | | | | | | | 33 | 33 | 44 | 78 | | | | | | | | | | | |
| 38/ 37 | .8 | 1.3 | 1.5 | .8 | | | | | | | | | | | | | | 34 | 34 | 43 | 88 | | | | | | | | | | | |
| 36/ 35 | 1.0 | .5 | 2.0 | .6 | | | | | | | | | | | | | | 33 | 33 | 43 | 65 | | | | | | | | | | | |
| 34/ 33 | .3 | 1.2 | .6 | .3 | | | | | | | | | | | | | | 18 | 18 | 35 | 50 | | | | | | | | | | | |
| 32/ 31 | .5 | .5 | .9 | .1 | | | | | | | | | | | | | | 16 | 16 | 32 | 47 | | | | | | | | | | | |
| 30/ 29 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 12 | 35 | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 7 | 33 | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 22 | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| TOTAL | 7.9 | 15.6 | 21.9 | 20.5 | 15.7 | 9.0 | 5.5 | 3.2 | .8 | | | | | | | | | 782 | 782 | 782 | 782 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x ² | | | Σ x | | | X | σ _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 3830423 | | | 52993 | | | 67.8 | 7.504 | 782 | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | | |
| Dry Bulb | 1945407 | | | 38403 | | | 49.1 | 8.713 | 782 | | | 2.0 | | 2.1 | | | | | | | | 90 | | | | | | | | | | |
| Wet Bulb | 1533730 | | | 34260 | | | 43.8 | 6.478 | 782 | | | 5.9 | | | | | | | | | | 90 | | | | | | | | | | |
| Dew Point | 1164972 | | | 29696 | | | 38.0 | 6.909 | 782 | | | 19.5 | | | | | | | | | | 90 | | | | | | | | | | |

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| 702315 | TATALINA AFS AK |
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PSYCHROMETRIC SUMMARY

702315

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WOLFE, S. J.

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

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ALL

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-------|----|------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|------|------|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | DB WB | Dp | B. t | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | .0 | .0 | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | |
| 70/ 69 | | | | | | .0 | .0 | .1 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | | | | | | |
| 68/ 67 | | | | | | .0 | .2 | .2 | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | 29 | 29 | | | | | | |
| 66/ 65 | | | | .0 | .1 | .1 | .1 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | 33 | 33 | | | | | | |
| 64/ 63 | | | | .1 | .1 | .3 | .3 | .2 | .0 | | | | | | | | | | | | | | | | | | | | | | | 55 | 55 | | | | | | |
| 62/ 61 | | | | .0 | .2 | .4 | .4 | .2 | .0 | | | | | | | | | | | | | | | | | | | | | | | 70 | 70 | | | | | | |
| 60/ 59 | | | .0 | .3 | .4 | .6 | .4 | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | | 103 | 103 | | | | | | |
| 58/ 57 | | .1 | .1 | .3 | 1.0 | .8 | .3 | .0 | | | | | | | | | | | | | | | | | | | | | | | | 143 | 143 | | | | | | |
| 56/ 55 | | .0 | .2 | 1.3 | 1.4 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 192 | 192 | | | | | | |
| 54/ 53 | | .2 | .8 | 1.2 | .9 | .2 | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | | | 191 | 191 | | | | | | |
| 52/ 51 | .0 | .3 | 1.8 | 1.6 | 1.2 | .1 | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | | | 278 | 278 | | | | | | |
| 50/ 49 | .1 | 1.6 | 2.7 | 2.3 | .8 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 425 | 425 | | | | | | |
| 48/ 47 | .8 | 2.6 | 2.6 | 1.9 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 475 | 475 | | | | | | |
| 46/ 45 | 2.2 | 4.5 | 3.2 | 2.0 | .3 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | 673 | 673 | | | | | | |
| 44/ 43 | 2.3 | 4.2 | 3.2 | 1.1 | .3 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | 612 | 612 | | | | | | |
| 42/ 41 | 2.1 | 3.0 | 2.4 | .9 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 477 | 477 | | | | | | |
| 40/ 39 | 2.0 | 2.3 | 2.0 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 393 | 394 | | | | | | |
| 38/ 37 | 1.2 | 2.5 | 1.6 | .5 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | 320 | 320 | | | | | | |
| 36/ 35 | 1.6 | 2.6 | 1.8 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 362 | 362 | | | | | | |
| 34/ 33 | .6 | 3.1 | 1.2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 280 | 280 | | | | | | |
| 32/ 31 | 1.3 | 2.7 | 1.3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 300 | 300 | | | | | | |
| 30/ 29 | .4 | .9 | .2 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 83 | 84 | | | | | | |
| 28/ 27 | .0 | .2 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | | | | | | |
| 26/ 25 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | | | | | |
| 24/ 23 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 14.6 | 30.9 | 25.0 | 15.0 | 7.4 | 3.3 | 2.2 | 1.2 | .4 | .0 | | | | | | | | | | | | | | | | | | | | | | 5546 | 5548 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5546 | 5546 | | | | | |
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PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

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STATION

STATION NAME

YEARS

PAGE 1 0000-0200

| Temp.
(F) | NET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|-------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 50/ 49 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | .1 | .3 | | | | | | | | | | | | | | 3 | 3 | 1 | | | | | | | | | | | | | | | | |
| 46/ 45 | | .1 | | .1 | .3 | | | | | | | | | | | | | 4 | 4 | 1 | 1 | | | | | | | | | | | | | | | |
| 44/ 43 | | .1 | .4 | .6 | .1 | | | | | | | | | | | | | 10 | 10 | 3 | 1 | | | | | | | | | | | | | | | |
| 42/ 41 | | .5 | 1.1 | | | | | | | | | | | | | | | 13 | 13 | 3 | 1 | | | | | | | | | | | | | | | |
| 40/ 39 | .4 | 1.7 | 1.3 | .4 | | | | | | | | | | | | | | 29 | 29 | 18 | 5 | | | | | | | | | | | | | | | |
| 38/ 37 | .6 | 1.4 | 1.0 | .1 | | | | | | | | | | | | | | 25 | 25 | 33 | 13 | | | | | | | | | | | | | | | |
| 36/ 35 | .6 | 2.4 | 1.9 | .5 | | | | | | | | | | | | | | 43 | 43 | 25 | 20 | | | | | | | | | | | | | | | |
| 34/ 33 | .9 | 3.7 | 1.3 | | | | | | | | | | | | | | | 46 | 46 | 43 | 31 | | | | | | | | | | | | | | | |
| 32/ 31 | 4.8 | 6.6 | 1.7 | .1 | | | | | | | | | | | | | | 104 | 107 | 90 | 76 | | | | | | | | | | | | | | | |
| 30/ 29 | 4.1 | 4.7 | .4 | | | | | | | | | | | | | | | 72 | 73 | 92 | 63 | | | | | | | | | | | | | | | |
| 28/ 27 | 2.8 | 2.5 | .3 | | | | | | | | | | | | | | | 44 | 44 | 67 | 65 | | | | | | | | | | | | | | | |
| 26/ 25 | 1.3 | 5.3 | .5 | | | | | | | | | | | | | | | 56 | 56 | 39 | 57 | | | | | | | | | | | | | | | |
| 24/ 23 | .9 | 2.8 | .8 | | | | | | | | | | | | | | | 35 | 35 | 54 | 38 | | | | | | | | | | | | | | | |
| 22/ 21 | 3.6 | 4.4 | | | | | | | | | | | | | | | | 63 | 63 | 59 | 55 | | | | | | | | | | | | | | | |
| 20/ 19 | 2.7 | 6.2 | .1 | | | | | | | | | | | | | | | 71 | 71 | 60 | 68 | | | | | | | | | | | | | | | |
| 18/ 17 | 2.4 | 4.1 | | | | | | | | | | | | | | | | 51 | 51 | 67 | 47 | | | | | | | | | | | | | | | |
| 16/ 15 | 1.7 | 3.3 | | | | | | | | | | | | | | | | 39 | 39 | 40 | 52 | | | | | | | | | | | | | | | |
| 14/ 13 | .5 | 1.7 | | | | | | | | | | | | | | | | 17 | 17 | 23 | 54 | | | | | | | | | | | | | | | |
| 12/ 11 | .5 | 2.0 | | | | | | | | | | | | | | | | 20 | 20 | 27 | 41 | | | | | | | | | | | | | | | |
| 10/ 9 | .1 | .8 | | | | | | | | | | | | | | | | 7 | 7 | 10 | 20 | | | | | | | | | | | | | | | |
| 8/ 7 | .1 | 1.0 | | | | | | | | | | | | | | | | 9 | 9 | 4 | 13 | | | | | | | | | | | | | | | |
| 6/ 5 | .4 | .3 | | | | | | | | | | | | | | | | 5 | 5 | 11 | 16 | | | | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 1 | 14 | | | | | | | | | | | | | | | |
| 2/ 1 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 10 | | | | | | | | | | | | | | | |
| 0/ -1 | 1.0 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 3 | | | | | | | | | | | | | | | |
| -2/ -3 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | | | | | | | | | | | | | |
| -4/ -5 | .3 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 8 | | | | | | | | | | | | | | | |
| -6/ -7 | .3 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 | | | | | | | | | | | | | | | |
| -8/ -9 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 | | | | | | | | | | | | | | | |
| -10/-11 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | s_x | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

7023.5 TATALINA AFS AK

73-81

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HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|--------------|-------------------------------------|------|-------|-----|------|------|--------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|-------|--|-----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 48/ 47 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | | | | | |
| 46/ 45 | | .1 | | .2 | .4 | | | | | | | | | | | | | 6 | 6 | | | | | | | |
| 44/ 43 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | 1 | | | | | | |
| 42/ 41 | | .2 | .6 | | | | | | | | | | | | | | | 7 | 7 | 1 | | | | | | |
| 40/ 39 | .1 | 1.1 | 1.5 | | | | | | | | | | | | | | | 22 | 22 | 10 | 2 | | | | | |
| 38/ 37 | .9 | 1.8 | 1.1 | .1 | | | | | | | | | | | | | | 32 | 32 | 29 | 11 | | | | | |
| 36/ 35 | .6 | 1.2 | 2.2 | | | | | | | | | | | | | | | 33 | 33 | 27 | 11 | | | | | |
| 34/ 33 | 1.1 | 3.3 | 1.3 | | | | | | | | | | | | | | | 47 | 47 | 36 | 28 | | | | | |
| 32/ 31 | 3.4 | 7.6 | 1.7 | | | | | | | | | | | | | | | 104 | 104 | 80 | 66 | | | | | |
| 30/ 29 | 5.1 | 4.2 | .5 | | | | | | | | | | | | | | | 80 | 80 | 108 | 78 | | | | | |
| 28/ 27 | 2.7 | 4.4 | .1 | | | | | | | | | | | | | | | 59 | 59 | 77 | 72 | | | | | |
| 26/ 25 | 2.0 | 4.3 | | | | | | | | | | | | | | | | 51 | 51 | 49 | 58 | | | | | |
| 24/ 23 | 1.3 | 3.5 | .6 | | | | | | | | | | | | | | | 45 | 45 | 58 | 54 | | | | | |
| 22/ 21 | 2.7 | 4.0 | | | | | | | | | | | | | | | | 55 | 55 | 53 | 49 | | | | | |
| 20/ 19 | 3.9 | 4.6 | | | | | | | | | | | | | | | | 70 | 70 | 63 | 76 | | | | | |
| 18/ 17 | 3.1 | 3.9 | | | | | | | | | | | | | | | | 57 | 57 | 60 | 52 | | | | | |
| 16/ 15 | 2.3 | 4.2 | | | | | | | | | | | | | | | | 53 | 53 | 52 | 50 | | | | | |
| 14/ 13 | .5 | 2.0 | | | | | | | | | | | | | | | | 20 | 20 | 30 | 49 | | | | | |
| 12/ 11 | .9 | 1.8 | | | | | | | | | | | | | | | | 22 | 22 | 23 | 36 | | | | | |
| 10/ 9 | .5 | 1.2 | | | | | | | | | | | | | | | | 14 | 14 | 21 | 34 | | | | | |
| 8/ 7 | .4 | .9 | | | | | | | | | | | | | | | | 10 | 10 | 7 | 15 | | | | | |
| 6/ 5 | .5 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 10 | 18 | | | | | |
| 4/ 3 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 19 | | | | | |
| 2/ 1 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 12 | | | | | |
| 0/ -1 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 3 | | | | | |
| -2/ -3 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 | | | | | |
| -4/ -5 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 6 | | | | | |
| -6/ -7 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 6 | | | | | |
| -8/ -9 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 | | | | | |
| -10/-11 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 2 | | | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| TOTAL | 34.6 | 54.6 | 9.8 | .6 | .5 | | | | | | | | | | | | | 819 | 819 | 819 | 819 | | | | | |
| Element (X) | Σ X ¹ | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | |
| Rel. Hum. | 5854343 | | 68699 | | 83.9 | | 10.592 | | 819 | | Σ 0 F | | Σ 32 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | | Σ 93 F | | Total | | | |
| Dry Bulb | 572340 | | 20180 | | 24.6 | | 9.582 | | 819 | | 2.4 | | 75.9 | | | | | | | | | | 93 | | | |
| Wet Bulb | 521873 | | 19277 | | 23.5 | | 9.127 | | 819 | | 2.4 | | 81.2 | | | | | | | | | | 93 | | | |
| Dew Point | 417757 | | 16631 | | 20.3 | | 9.892 | | 819 | | 3.3 | | 87.1 | | | | | | | | | | 93 | | | |

USAF TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|-----|-------|-----|------|--------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 46/ 45 | | | .2 | .4 | .4 | | | | | | | | | | | | | 8 | 8 | | | | | | |
| 44/ 43 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | | | | | | |
| 42/ 41 | | .2 | .6 | .1 | | | | | | | | | | | | | | 8 | 8 | | 3 | | | | |
| 40/ 39 | .2 | 1.1 | .9 | | | | | | | | | | | | | | | 18 | 18 | | 10 | | | | |
| 38/ 37 | .5 | 1.7 | .6 | | | | | | | | | | | | | | | 23 | 23 | | 26 | | | | |
| 36/ 35 | .6 | 1.9 | 1.0 | | | | | | | | | | | | | | | 29 | 29 | | 23 | | | | |
| 34/ 33 | 1.2 | 4.5 | 1.7 | | | | | | | | | | | | | | | 61 | 61 | | 42 | | | | |
| 32/ 31 | 3.5 | 6.7 | 1.3 | | | | | | | | | | | | | | | 95 | 95 | | 81 | | | | |
| 30/ 29 | 4.6 | 2.9 | | | | | | | | | | | | | | | | 62 | 62 | | 103 | | | | |
| 28/ 27 | 3.7 | 4.8 | .1 | | | | | | | | | | | | | | | 70 | 70 | | 64 | | | | |
| 26/ 25 | 3.5 | 3.3 | | | | | | | | | | | | | | | | 56 | 56 | | 60 | | | | |
| 24/ 23 | 2.2 | 3.2 | .1 | | | | | | | | | | | | | | | 45 | 45 | | 58 | | | | |
| 22/ 21 | 2.4 | 2.8 | .4 | | | | | | | | | | | | | | | 46 | 46 | | 41 | | | | |
| 20/ 19 | 4.5 | 5.5 | | | | | | | | | | | | | | | | 82 | 82 | | 69 | | | | |
| 18/ 17 | 2.9 | 3.4 | | | | | | | | | | | | | | | | 52 | 52 | | 64 | | | | |
| 16/ 15 | 2.8 | 3.4 | | | | | | | | | | | | | | | | 51 | 51 | | 45 | | | | |
| 14/ 13 | 1.6 | 2.4 | | | | | | | | | | | | | | | | 33 | 33 | | 42 | | | | |
| 12/ 11 | .9 | 1.8 | | | | | | | | | | | | | | | | 22 | 22 | | 23 | | | | |
| 10/ 9 | .7 | 1.1 | | | | | | | | | | | | | | | | 15 | 15 | | 20 | | | | |
| 8/ 7 | .1 | 1.5 | | | | | | | | | | | | | | | | 13 | 13 | | 13 | | | | |
| 6/ 5 | .1 | .4 | | | | | | | | | | | | | | | | 4 | 4 | | 8 | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 2/ 1 | .2 | .2 | | | | | | | | | | | | | | | | 4 | 4 | | 4 | | | | |
| 0/ -1 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | 1 | | | | |
| -2/ -3 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | | 4 | | | | |
| -4/ -5 | .9 | | | | | | | | | | | | | | | | | 7 | 7 | | 7 | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -8/ -9 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | | 2 | | | | |
| -10/-11 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | | 2 | | | | |
| -12/-13 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | | 5 | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| TOTAL | 39.05 | 3.0 | 7.1 | .6 | .4 | | | | | | | | | | | | | 821 | 821 | | 821 | | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | Σ | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | |
| Rel. Hum. | 6015740 | | 69798 | | 85.0 | 9.988 | 821 | | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | |
| Dry Bulb | 557448 | | 19832 | | 24.2 | 9.777 | 821 | | 2.4 | 76.0 | | | | | 93 | | | | | | | | | | |
| Wet Bulb | 513298 | | 19036 | | 23.2 | 9.365 | 821 | | 2.4 | 81.2 | | | | | 93 | | | | | | | | | | |
| Dew Point | 417805 | | 16567 | | 20.2 | 10.091 | 821 | | 3.5 | 87.3 | | | | | 93 | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

OCT

PAGE 1 0900-1100

HOURS 12. 5. 7.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|----------|----------|-----------|--------|-------|--|--|--|--|--|--------------------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 50/ 49 | | | .1 | | .1 | .1 | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | |
| 48/ 47 | | | .5 | .1 | .4 | .1 | | | | | | | | | | | | 9 | 9 | | | | | | | | | | | |
| 46/ 45 | | .4 | .5 | .4 | | | | | | | | | | | | | | 10 | 10 | 1 | | | | | | | | | | |
| 44/ 43 | | .1 | .2 | .1 | .1 | | | | | | | | | | | | | 5 | 5 | 1 | | | | | | | | | | |
| 42/ 41 | | .6 | 1.1 | .5 | | | | | | | | | | | | | | 18 | 18 | 13 | | | | | | | | | | |
| 40/ 39 | .4 | 1.1 | .9 | .4 | | | | | | | | | | | | | | 22 | 22 | 17 | | | | | | | | | | |
| 38/ 37 | .9 | 1.0 | 1.1 | .4 | .1 | | | | | | | | | | | | | 28 | 28 | 26 | | | | | | | | | | |
| 36/ 35 | .7 | 3.8 | 3.2 | .2 | | | | | | | | | | | | | | 65 | 65 | 29 | | | | | | | | | | |
| 34/ 33 | 1.6 | 5.1 | 1.6 | | | | | | | | | | | | | | | 68 | 68 | 67 | | | | | | | | | | |
| 32/ 31 | 3.4 | 5.1 | 1.6 | .2 | | | | | | | | | | | | | | 85 | 86 | 102 | | | | | | | | | | |
| 30/ 29 | 2.3 | 4.1 | 1.2 | | | | | | | | | | | | | | | 63 | 63 | 65 | | | | | | | | | | |
| 28/ 27 | 4.0 | 2.6 | 1.0 | | | | | | | | | | | | | | | 62 | 63 | 81 | | | | | | | | | | |
| 26/ 25 | 1.3 | 3.2 | .5 | | | | | | | | | | | | | | | 41 | 41 | 43 | | | | | | | | | | |
| 24/ 23 | 1.5 | 3.4 | 1.1 | | | | | | | | | | | | | | | 49 | 49 | 47 | | | | | | | | | | |
| 22/ 21 | 3.4 | 4.4 | .5 | | | | | | | | | | | | | | | 68 | 68 | 64 | | | | | | | | | | |
| 20/ 19 | 4.0 | 6.0 | .6 | | | | | | | | | | | | | | | 87 | 87 | 79 | | | | | | | | | | |
| 18/ 17 | 1.3 | 2.8 | .1 | | | | | | | | | | | | | | | 35 | 35 | 62 | | | | | | | | | | |
| 16/ 15 | 1.3 | 3.0 | | | | | | | | | | | | | | | | 36 | 36 | 38 | | | | | | | | | | |
| 14/ 13 | .4 | 1.5 | | | | | | | | | | | | | | | | 15 | 15 | 17 | | | | | | | | | | |
| 12/ 11 | .4 | 1.6 | | | | | | | | | | | | | | | | 16 | 16 | 17 | | | | | | | | | | |
| 10/ 9 | .1 | .5 | | | | | | | | | | | | | | | | 5 | 5 | 13 | | | | | | | | | | |
| 8/ 7 | | .6 | | | | | | | | | | | | | | | | 5 | 5 | 5 | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| 4/ 3 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | | | | | | | | | | |
| 2/ 1 | .4 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 4 | | | | | | | | | | |
| 0/ -1 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | | | | | | | | | | |
| -2/ -3 | .6 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 6 | | | | | | | | | | |
| -4/ -5 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | |
| -6/ -7 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | |
| -8/ -9 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | | | | | | | | | | |
| -10/-11 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Element (X) | Σ x ¹ | | | Σ x | | | Σ | | | Σ _n | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

702315

TATALINA AFS AK

73-81

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STATION

STATION NAME

YEARS

MONTH

PAGE 2

0900-1100

HOURS 11. 5. 7.

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PSYCHROMETRIC SUMMARY

732315

TATALINA AFS AK

73-81

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PAGE 1

1200-1400

HOURS (L, S, T,)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------------------|-------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | |
| 52/ 51 | | | | .2 | | .5 | .1 | | | | | | | | | | | 7 | 7 | | | | |
| 50/ 49 | | | | 1.1 | .4 | | | | | | | | | | | | | 12 | 12 | | | | |
| 48/ 47 | | | .4 | 1.0 | .2 | .1 | | | | | | | | | | | | 14 | 14 | | | | |
| 46/ 45 | | .2 | 1.1 | .9 | .2 | | | | | | | | | | | | | 20 | 20 | 4 | | | |
| 44/ 43 | | .1 | .6 | .5 | .2 | | | | | | | | | | | | | 12 | 12 | 20 | 1 | | |
| 42/ 41 | | .5 | .9 | 1.1 | | | | | | | | | | | | | | 20 | 20 | 20 | 1 | | |
| 40/ 39 | .7 | 1.0 | 2.4 | .7 | .2 | | | | | | | | | | | | | 42 | 42 | 28 | 20 | | |
| 38/ 37 | .7 | 1.7 | 2.6 | 1.1 | | | | | | | | | | | | | | 50 | 50 | 35 | 19 | | |
| 36/ 35 | .2 | 3.4 | 2.7 | .6 | | | | | | | | | | | | | | 57 | 57 | 45 | 26 | | |
| 34/ 33 | 1.8 | 4.5 | 1.2 | .7 | | | | | | | | | | | | | | 68 | 69 | 71 | 42 | | |
| 32/ 31 | 3.4 | 5.2 | 1.5 | .5 | .2 | | | | | | | | | | | | | 89 | 90 | 105 | 84 | | |
| 30/ 29 | 2.4 | 4.4 | 2.1 | | | | | | | | | | | | | | | 73 | 73 | 69 | 64 | | |
| 28/ 27 | .5 | 3.7 | 2.2 | | | | | | | | | | | | | | | 52 | 52 | 60 | 71 | | |
| 26/ 25 | 1.5 | 4.8 | 2.8 | .1 | | | | | | | | | | | | | | 75 | 75 | 63 | 66 | | |
| 24/ 23 | .7 | 3.2 | 2.3 | | | | | | | | | | | | | | | 51 | 51 | 71 | 49 | | |
| 22/ 21 | 1.6 | 4.3 | 1.1 | | | | | | | | | | | | | | | 57 | 57 | 62 | 41 | | |
| 20/ 19 | 2.7 | 2.8 | .4 | | | | | | | | | | | | | | | 48 | 48 | 81 | 73 | | |
| 18/ 17 | .9 | 1.2 | | | | | | | | | | | | | | | | 17 | 17 | 24 | 42 | | |
| 16/ 15 | .1 | 1.0 | | | | | | | | | | | | | | | | 9 | 9 | 9 | 79 | | |
| 14/ 13 | .5 | .9 | .4 | | | | | | | | | | | | | | | 14 | 14 | 11 | 44 | | |
| 12/ 11 | .1 | .6 | .1 | | | | | | | | | | | | | | | 7 | 7 | 9 | 24 | | |
| 10/ 9 | | .6 | | | | | | | | | | | | | | | | 5 | 5 | 9 | 17 | | |
| 8/ 7 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 14 | | |
| 6/ 5 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 8 | | |
| 4/ 3 | .4 | .5 | | | | | | | | | | | | | | | | 7 | 7 | 5 | 3 | | |
| 2/ 1 | .4 | .2 | | | | | | | | | | | | | | | | 5 | 5 | 6 | 5 | | |
| 0/ -1 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | 7 | 8 | | |
| -2/ -3 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 3 | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 3 | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 3 | | |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Element (X) | Σ x ² | | Σ x | | Σ | | Σ _n | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1200-1400
HOURS (L.S.T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| TOTAL | 19.5 | 45.1 | 24.6 | 8.5 | 1.6 | .6 | .1 | | | | | | | | | | | 821 | 823 | 821 | 821 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7C2315 TATALINA AFS AK
STATION STATION NAME

73-81

YEARS

OCT

MONTH

PAGE 1 1500-1700
HOURS L. S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | |
|--------------|-------------------------------------|------|------|-------|-----|------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--------|--|--|--------|--|--|--------|--|--|--------|-------|--|-------|--|--|-----|--|--|-----|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | .3 | .1 | | .1 | .1 | | | | | | | | | | 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | .1 | .1 | .7 | .1 | .4 | .1 | | | | | | | | | | | 12 | 12 | | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | .3 | .5 | .5 | .3 | .1 | | | | | | | | | | | | 13 | 13 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | .4 | 1.1 | 1.0 | .1 | | | | | | | | | | | | | 19 | 19 | 9 | 2 | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | .1 | | 1.4 | .3 | .1 | | | | | | | | | | | | | 14 | 14 | 18 | 4 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | .4 | .3 | 1.2 | 1.0 | | | | | | | | | | | | | | 21 | 21 | 12 | 5 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | .4 | 1.1 | 2.0 | .7 | .4 | | | | | | | | | | | | | 34 | 34 | 28 | 16 | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | .7 | 2.6 | 1.8 | 1.5 | .1 | | | | | | | | | | | | | 49 | 49 | 30 | 17 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | .4 | 3.0 | 1.4 | .8 | | | | | | | | | | | | | | 41 | 41 | 45 | 15 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | 2.4 | 4.5 | 1.5 | .7 | | | | | | | | | | | | | | 67 | 68 | 66 | 46 | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | 3.9 | 4.2 | 1.4 | .5 | .1 | | | | | | | | | | | | | 75 | 75 | 82 | 85 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | 1.5 | 4.3 | 2.6 | .3 | | | | | | | | | | | | | | 64 | 64 | 59 | 45 | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | 1.2 | 4.2 | 1.5 | .1 | | | | | | | | | | | | | | 52 | 52 | 59 | 45 | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | 1.2 | 4.3 | 1.2 | .1 | | | | | | | | | | | | | | 51 | 51 | 61 | 65 | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | .8 | 4.1 | 1.1 | | | | | | | | | | | | | | | 44 | 44 | 54 | 37 | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | 1.9 | 3.8 | 1.0 | | | | | | | | | | | | | | | 49 | 49 | 53 | 38 | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | 2.6 | 4.1 | .1 | | | | | | | | | | | | | | | 50 | 50 | 59 | 75 | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | 1.6 | 1.2 | | | | | | | | | | | | | | | | 21 | 21 | 37 | 47 | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | .4 | .7 | | | | | | | | | | | | | | | | 8 | 8 | 12 | 67 | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | .3 | 1.1 | | | | | | | | | | | | | | | | 10 | 10 | 8 | 31 | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | .3 | .7 | | | | | | | | | | | | | | | | 7 | 7 | 8 | 28 | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | | .7 | | | | | | | | | | | | | | | | 5 | 5 | 8 | 17 | | | | | | | | | | | | | | | | | | | | | |
| 8/ 7 | | .7 | | | | | | | | | | | | | | | | 5 | 5 | 4 | 12 | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | .5 | .3 | | | | | | | | | | | | | | | | 6 | 6 | 8 | 6 | | | | | | | | | | | | | | | | | | | | | |
| 4/ 3 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 5 | | | | | | | | | | | | | | | | | | | | | |
| 2/ 1 | .4 | .3 | | | | | | | | | | | | | | | | 5 | 5 | 5 | 5 | | | | | | | | | | | | | | | | | | | | | |
| 0/ -1 | .5 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 5 | 8 | | | | | | | | | | | | | | | | | | | | | |
| -2/ -3 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | |
| -4/ -5 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 | | | | | | | | | | | | | | | | | | | | | |
| -6/ -9 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 22.1 | 47.1 | 19.8 | 8.4 | 1.5 | .5 | .3 | .1 | | | | | | | | | | 736 | 737 | 736 | 736 | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | |
| Rel. Hum. | 4553341 | | | 56975 | | | 77.4 | | | 13.939 | | | 736 | | | Σ 0 F | | | Σ 32 F | | | Σ 67 F | | | Σ 73 F | | | Σ 80 F | | | Σ 93 F | | | Total | | | | | | | | |
| Dry Bulb | 703950 | | | 21596 | | | 29.3 | | | 9.831 | | | 737 | | | Σ 0 F | | | Σ 32 F | | | Σ 67 F | | | Σ 73 F | | | Σ 80 F | | | Σ 93 F | | | Total | | | | | | | | |
| Wet Bulb | 605127 | | | 20057 | | | 27.3 | | | 8.925 | | | 736 | | | Σ 0 F | | | Σ 32 F | | | Σ 67 F | | | Σ 73 F | | | Σ 80 F | | | Σ 93 F | | | Total | | | | | | | | |
| Dew Point | 450041 | | | 16703 | | | 22.7 | | | 9.827 | | | 736 | | | Σ 0 F | | | Σ 32 F | | | Σ 67 F | | | Σ 73 F | | | Σ 80 F | | | Σ 93 F | | | Total | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

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PAGE 1 1800-2000

HOURS S A T

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|-------|-----|------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 52/ 51 | | | | .5 | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 50/ 49 | | | .2 | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 48/ 47 | | .4 | .4 | .2 | | | | | | | | | | | | | | 5 | 5 | | | | | | | | | | | | | | | | |
| 46/ 45 | | .2 | 1.6 | | | .2 | | | | | | | | | | | | 11 | 11 | 6 | | | | | | | | | | | | | | | |
| 44/ 43 | | .4 | 1.8 | 1.3 | .4 | | | | | | | | | | | | | 21 | 21 | 4 | 4 | | | | | | | | | | | | | | |
| 42/ 41 | .5 | .4 | 1.1 | .7 | .2 | | | | | | | | | | | | | 16 | 16 | 21 | 5 | | | | | | | | | | | | | | |
| 40/ 39 | .2 | 1.1 | .9 | .2 | .2 | | | | | | | | | | | | | 14 | 14 | 9 | 8 | | | | | | | | | | | | | | |
| 38/ 37 | .9 | 2.4 | 2.6 | .4 | | | | | | | | | | | | | | 34 | 34 | 30 | 21 | | | | | | | | | | | | | | |
| 36/ 35 | .4 | 2.4 | 1.1 | 1.3 | | | | | | | | | | | | | | 28 | 29 | 23 | 12 | | | | | | | | | | | | | | |
| 34/ 33 | 1.8 | 4.8 | 1.6 | .2 | | | | | | | | | | | | | | 46 | 46 | 45 | 21 | | | | | | | | | | | | | | |
| 32/ 31 | 5.9 | 8.0 | 1.8 | | | | | | | | | | | | | | | 86 | 87 | 66 | 78 | | | | | | | | | | | | | | |
| 30/ 29 | .7 | 2.7 | .5 | | | | | | | | | | | | | | | 22 | 22 | 57 | 40 | | | | | | | | | | | | | | |
| 28/ 27 | 1.3 | 3.5 | 1.8 | | | | | | | | | | | | | | | 36 | 36 | 35 | 34 | | | | | | | | | | | | | | |
| 26/ 25 | 1.6 | 5.1 | .5 | | | | | | | | | | | | | | | 40 | 40 | 36 | 39 | | | | | | | | | | | | | | |
| 24/ 23 | 1.1 | 3.7 | .2 | | | | | | | | | | | | | | | 27 | 27 | 52 | 21 | | | | | | | | | | | | | | |
| 22/ 21 | 3.1 | 5.3 | .7 | | | | | | | | | | | | | | | 50 | 50 | 37 | 29 | | | | | | | | | | | | | | |
| 20/ 19 | 2.0 | 5.5 | .5 | | | | | | | | | | | | | | | 44 | 44 | 39 | 64 | | | | | | | | | | | | | | |
| 18/ 17 | 1.8 | 4.0 | | | | | | | | | | | | | | | | 32 | 32 | 42 | 39 | | | | | | | | | | | | | | |
| 16/ 15 | .7 | 1.3 | | | | | | | | | | | | | | | | 11 | 11 | 19 | 46 | | | | | | | | | | | | | | |
| 14/ 13 | .2 | .4 | | | | | | | | | | | | | | | | 3 | 3 | 8 | 35 | | | | | | | | | | | | | | |
| 12/ 11 | .5 | .9 | | | | | | | | | | | | | | | | 8 | 8 | 4 | 16 | | | | | | | | | | | | | | |
| 10/ 9 | | .5 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 10 | | | | | | | | | | | | | | |
| 8/ 7 | | .5 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 9 | | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 2 | 4 | | | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 2/ 1 | | .2 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | | | | | | | | | | | | |
| 0/ -1 | | .2 | | | | | | | | | | | | | | | | 1 | 1 | | 1 | | | | | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | |
| -4/ -5 | .2 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 23.0 | 53.7 | 17.6 | 4.8 | .7 | .2 | | | | | | | | | | | | 547 | 549 | 547 | 547 | | | | | | | | | | | | | | |
| Element (X) | Σ g' | | | Σ X | | Σ | Σ | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 3640349 | | | 44135 | | 80.7 | 2.051 | 547 | | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F | Total | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 497060 | | | 15802 | | 28.8 | 8.778 | 549 | | .3 | 62.5 | | | | | 93 | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 438123 | | | 14829 | | 27.1 | 8.133 | 547 | | .3 | 69.5 | | | | | 93 | | | | | | | | | | | | | | | | | | | |
| Dew Point | 342196 | | | 12736 | | 23.3 | 9.051 | 547 | | .9 | 80.9 | | | | | 93 | | | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73,75-81

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STATION

STATION NAME

YEARS

PAGE 1 2100-2300

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|-----|-------|------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|----------|-----------|----------|----------|------------------------------------|-----|--------|--|--------|--|--------|--|--------|--|--------|-------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 52/ 51 | | | | | .2 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 50/ 49 | | .2 | .2 | .4 | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 48/ 47 | | .2 | | | | | | | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| 46/ 45 | | .2 | .8 | .4 | | | | | | | | | | | | | | 7 | 7 | 2 | 2 | | | | | | | | | | | | | | |
| 44/ 43 | | .4 | 1.1 | .6 | .2 | | | | | | | | | | | | | 12 | 12 | 5 | | | | | | | | | | | | | | | |
| 42/ 41 | .4 | 2.5 | .6 | .2 | | | | | | | | | | | | | | 19 | 19 | 12 | 3 | | | | | | | | | | | | | | |
| 40/ 39 | .9 | 1.9 | 1.0 | .6 | .2 | | | | | | | | | | | | | 23 | 23 | 22 | 8 | | | | | | | | | | | | | | |
| 38/ 37 | .6 | 1.3 | 1.1 | 1.0 | | | | | | | | | | | | | | 21 | 21 | 19 | 23 | | | | | | | | | | | | | | |
| 36/ 35 | 1.5 | 3.8 | 1.0 | .4 | | | | | | | | | | | | | | 35 | 35 | 26 | 19 | | | | | | | | | | | | | | |
| 34/ 33 | 1.9 | 4.6 | 1.1 | | | | | | | | | | | | | | | 40 | 40 | 43 | 23 | | | | | | | | | | | | | | |
| 32/ 31 | 6.5 | 7.5 | 1.3 | | | | | | | | | | | | | | | 80 | 83 | 68 | 67 | | | | | | | | | | | | | | |
| 30/ 29 | 1.9 | 5.1 | 1.3 | | | | | | | | | | | | | | | 44 | 44 | 54 | 46 | | | | | | | | | | | | | | |
| 28/ 27 | 1.3 | 3.1 | .4 | | | | | | | | | | | | | | | 25 | 25 | 43 | 28 | | | | | | | | | | | | | | |
| 26/ 25 | .8 | 4.8 | 1.1 | | | | | | | | | | | | | | | 35 | 35 | 20 | 41 | | | | | | | | | | | | | | |
| 24/ 23 | 1.0 | 2.9 | | | | | | | | | | | | | | | | 20 | 20 | 51 | 21 | | | | | | | | | | | | | | |
| 22/ 21 | 3.6 | 3.8 | .2 | | | | | | | | | | | | | | | 40 | 40 | 38 | 30 | | | | | | | | | | | | | | |
| 20/ 19 | 3.4 | 6.3 | .4 | | | | | | | | | | | | | | | 53 | 53 | 32 | 62 | | | | | | | | | | | | | | |
| 18/ 17 | 1.3 | 2.7 | .2 | | | | | | | | | | | | | | | 22 | 22 | 37 | 35 | | | | | | | | | | | | | | |
| 16/ 15 | 1.9 | 1.7 | | | | | | | | | | | | | | | | 19 | 19 | 23 | 34 | | | | | | | | | | | | | | |
| 14/ 13 | .2 | .4 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 32 | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 2 | 14 | | | | | | | | | | | | | | |
| 10/ 9 | .4 | 1.1 | | | | | | | | | | | | | | | | 8 | 8 | 7 | 8 | | | | | | | | | | | | | | |
| 8/ 7 | .4 | .4 | | | | | | | | | | | | | | | | 4 | 4 | 3 | 3 | | | | | | | | | | | | | | |
| 6/ 5 | .2 | .4 | | | | | | | | | | | | | | | | 3 | 3 | 5 | 4 | | | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| 0/ -1 | .6 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 2 | | | | | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| -4/ -5 | .2 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| TOTAL | 28.9 | 55.3 | 11.9 | 3.4 | .6 | | | | | | | | | | | | | | 523 | 526 | 523 | 523 | | | | | | | | | | | | | |
| Element (X) | Σ x ² | | | | Σ x | | | | Σ | | | | Σ | | | | No. Obs. | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | 3666378 | | | | 43398 | | | | 83.0 | | | | 11.181 | | | | 523 | | | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | Total | | |
| Dry Bulb | 462563 | | | | 14889 | | | | 28.3 | | | | 8.849 | | | | 526 | | | | .7 | | 64.2 | | | | | | | | | | 93 | | |
| Wet Bulb | 415678 | | | | 14088 | | | | 26.9 | | | | 8.327 | | | | 523 | | | | .7 | | 69.9 | | | | | | | | | | 93 | | |
| Dew Point | 335557 | | | | 12337 | | | | 23.6 | | | | 9.237 | | | | 523 | | | | 1.6 | | 79.0 | | | | | | | | | | 93 | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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YEARS

PAGE 1 0300-0500

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PSYCHROMETRIC SUMMARY

73-81

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PAGE 2 0300-0503

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| -24/-25 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 5 | | | | | | | | | | | |
| -26/-27 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 8 | | | | | | | | | | | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| TOTAL | 63.7 | 34.7 | 1.5 | .1 | | | | | | | | | | | | | | 810 | 810 | 810 | 810 | | | | | | | | | | | |
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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-----|--|--|-----|--|--|-----|--|--|-----|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 42/ 41 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 40/ 39 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 2 | | | | | | | | | | | | | | |
| 38/ 37 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 1 | | | | | | | | | | | | | | | |
| 36/ 35 | .1 | .9 | | | | | | | | | | | | | | | | 8 | 8 | 6 | 4 | | | | | | | | | | | | | | |
| 34/ 33 | .4 | 1.2 | | | | | | | | | | | | | | | | 13 | 13 | 9 | 6 | | | | | | | | | | | | | | |
| 32/ 31 | 2.2 | 1.9 | | | | | | | | | | | | | | | | 33 | 33 | 30 | 24 | | | | | | | | | | | | | | |
| 30/ 29 | .7 | 1.1 | .2 | | | | | | | | | | | | | | | 17 | 17 | 21 | 13 | | | | | | | | | | | | | | |
| 28/ 27 | .6 | 1.9 | .5 | | | | | | | | | | | | | | | 24 | 24 | 13 | 13 | | | | | | | | | | | | | | |
| 26/ 25 | 1.4 | 1.9 | .1 | | | | | | | | | | | | | | | 27 | 27 | 35 | 23 | | | | | | | | | | | | | | |
| 24/ 23 | .2 | .6 | | | | | | | | | | | | | | | | 7 | 7 | 14 | 14 | | | | | | | | | | | | | | |
| 22/ 21 | 2.1 | 1.5 | | | | | | | | | | | | | | | | 29 | 29 | 31 | 17 | | | | | | | | | | | | | | |
| 20/ 19 | 3.7 | 3.0 | | | | | | | | | | | | | | | | 54 | 54 | 45 | 45 | | | | | | | | | | | | | | |
| 18/ 17 | 2.3 | 1.6 | | | | | | | | | | | | | | | | 32 | 32 | 34 | 24 | | | | | | | | | | | | | | |
| 16/ 15 | 2.2 | 2.8 | | | | | | | | | | | | | | | | 41 | 41 | 37 | 47 | | | | | | | | | | | | | | |
| 14/ 13 | 3.6 | 2.0 | | | | | | | | | | | | | | | | 45 | 45 | 43 | 30 | | | | | | | | | | | | | | |
| 12/ 11 | 3.6 | 1.9 | | | | | | | | | | | | | | | | 44 | 44 | 46 | 34 | | | | | | | | | | | | | | |
| 10/ 9 | 3.8 | 2.0 | | | | | | | | | | | | | | | | 47 | 47 | 50 | 43 | | | | | | | | | | | | | | |
| 8/ 7 | 3.1 | 2.5 | | | | | | | | | | | | | | | | 45 | 45 | 42 | 40 | | | | | | | | | | | | | | |
| 6/ 5 | 1.7 | 2.5 | | | | | | | | | | | | | | | | 34 | 34 | 35 | 34 | | | | | | | | | | | | | | |
| 4/ 3 | 4.1 | 2.2 | | | | | | | | | | | | | | | | 51 | 51 | 61 | 33 | | | | | | | | | | | | | | |
| 2/ 1 | 6.2 | 1.7 | | | | | | | | | | | | | | | | 64 | 64 | 62 | 50 | | | | | | | | | | | | | | |
| 0/ -1 | 2.3 | .5 | | | | | | | | | | | | | | | | 23 | 23 | 22 | 45 | | | | | | | | | | | | | | |
| -2/ -3 | 3.3 | | | | | | | | | | | | | | | | | 27 | 27 | 31 | 44 | | | | | | | | | | | | | | |
| -4/ -5 | 2.5 | .1 | | | | | | | | | | | | | | | | 21 | 21 | 21 | 28 | | | | | | | | | | | | | | |
| -6/ -7 | 1.7 | | | | | | | | | | | | | | | | | 14 | 14 | 14 | 42 | | | | | | | | | | | | | | |
| -8/ -9 | 2.1 | | | | | | | | | | | | | | | | | 17 | 17 | 17 | 25 | | | | | | | | | | | | | | |
| -10/-11 | 2.3 | | | | | | | | | | | | | | | | | 16 | 16 | 16 | 13 | | | | | | | | | | | | | | |
| -12/-13 | 2.2 | | | | | | | | | | | | | | | | | 18 | 18 | 18 | 12 | | | | | | | | | | | | | | |
| -14/-15 | 3.1 | | | | | | | | | | | | | | | | | 25 | 25 | 25 | 10 | | | | | | | | | | | | | | |
| -16/-17 | 1.4 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 18 | | | | | | | | | | | | | | |
| -18/-19 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 28 | | | | | | | | | | | | | | |
| -20/-21 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 13 | | | | | | | | | | | | | | |
| -22/-23 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 12 | | | | | | | | | | | | | | |
| -24/-25 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 6 | | | | | | | | | | | | | | |
| Element (X) | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | Σ X | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

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TATALINA AFS AK

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PSYCHROMETRIC SUMMARY

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
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(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|--------------|-------|-------|-------|-------|--------------|-------|-------|-------|-------|--------------|----|------|------|----------|--------------|-----------|--|--|--|--------------|--|--|--|--|--------------|-------|--|--|--|--------------|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | |
| 44/ 43 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | |
| 42/ 41 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 2 | 2 | | | | | | | | | | | | | | | | | | |
| 40/ 39 | .1 | .2 | .2 | .1 | | | | | | | | | | | | | | 6 | 6 | 2 | 1 | 1 | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | .4 | .6 | | | | | | | | | | | | | | | 8 | 8 | 4 | 2 | 2 | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | .5 | .1 | .1 | | | | | | | | | | | | | | 6 | 6 | 7 | 1 | 1 | | | | | | | | | | | | | | | | | | |
| 34/ 33 | .6 | 2.1 | | .2 | | | | | | | | | | | | | | 24 | 24 | 19 | 11 | 11 | | | | | | | | | | | | | | | | | | |
| 32/ 31 | 1.4 | 2.4 | .5 | | | | | | | | | | | | | | | 34 | 35 | 24 | 23 | 23 | | | | | | | | | | | | | | | | | | |
| 30/ 29 | .9 | 1.5 | .5 | | | | | | | | | | | | | | | 23 | 23 | 29 | 18 | 18 | | | | | | | | | | | | | | | | | | |
| 28/ 27 | .1 | 1.0 | .1 | | | | | | | | | | | | | | | 10 | 10 | 17 | 25 | 25 | | | | | | | | | | | | | | | | | | |
| 26/ 25 | .5 | 2.9 | .2 | | | | | | | | | | | | | | | 29 | 29 | 17 | 9 | 9 | | | | | | | | | | | | | | | | | | |
| 24/ 23 | .6 | 1.7 | | | | | | | | | | | | | | | | 19 | 19 | 38 | 8 | 8 | | | | | | | | | | | | | | | | | | |
| 22/ 21 | 4.5 | 1.5 | | | | | | | | | | | | | | | | 48 | 48 | 48 | 32 | 32 | | | | | | | | | | | | | | | | | | |
| 20/ 19 | 3.0 | 3.2 | .2 | | | | | | | | | | | | | | | 52 | 52 | 38 | 58 | 58 | | | | | | | | | | | | | | | | | | |
| 18/ 17 | 1.6 | 1.7 | | | | | | | | | | | | | | | | 27 | 27 | 34 | 34 | 34 | | | | | | | | | | | | | | | | | | |
| 16/ 15 | 3.5 | 3.2 | .2 | | | | | | | | | | | | | | | 56 | 56 | 48 | 38 | 38 | | | | | | | | | | | | | | | | | | |
| 14/ 13 | 2.1 | 4.5 | | | | | | | | | | | | | | | | 53 | 53 | 41 | 36 | 36 | | | | | | | | | | | | | | | | | | |
| 12/ 11 | 4.5 | 2.0 | .1 | | | | | | | | | | | | | | | 53 | 53 | 70 | 36 | 36 | | | | | | | | | | | | | | | | | | |
| 10/ 9 | 2.1 | 3.6 | | | | | | | | | | | | | | | | 46 | 46 | 38 | 46 | 46 | | | | | | | | | | | | | | | | | | |
| 8/ 7 | 3.6 | 2.6 | | | | | | | | | | | | | | | | 50 | 50 | 53 | 50 | 50 | | | | | | | | | | | | | | | | | | |
| 6/ 5 | 1.6 | 2.6 | | | | | | | | | | | | | | | | 34 | 34 | 48 | 23 | 23 | | | | | | | | | | | | | | | | | | |
| 4/ 3 | 3.0 | 1.2 | | | | | | | | | | | | | | | | 34 | 34 | 30 | 55 | 55 | | | | | | | | | | | | | | | | | | |
| 2/ 1 | 1.7 | 1.7 | | | | | | | | | | | | | | | | 28 | 28 | 30 | 49 | 49 | | | | | | | | | | | | | | | | | | |
| 0/ -1 | 2.0 | .1 | | | | | | | | | | | | | | | | 17 | 17 | 22 | 36 | 36 | | | | | | | | | | | | | | | | | | |
| -2/ -3 | 3.6 | .5 | | | | | | | | | | | | | | | | 33 | 33 | 32 | 19 | 19 | | | | | | | | | | | | | | | | | | |
| -4/ -5 | 2.6 | .1 | | | | | | | | | | | | | | | | 22 | 22 | 23 | 23 | 23 | | | | | | | | | | | | | | | | | | |
| -6/ -7 | 3.2 | .1 | | | | | | | | | | | | | | | | 27 | 27 | 27 | 27 | 27 | | | | | | | | | | | | | | | | | | |
| -8/ -9 | 2.6 | | | | | | | | | | | | | | | | | 21 | 21 | 22 | 31 | 31 | | | | | | | | | | | | | | | | | | |
| -10/ -11 | 1.5 | | | | | | | | | | | | | | | | | 12 | 12 | 12 | 22 | 22 | | | | | | | | | | | | | | | | | | |
| -12/ -13 | .9 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 21 | 21 | | | | | | | | | | | | | | | | | | |
| -14/ -15 | 1.1 | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 12 | 12 | | | | | | | | | | | | | | | | | | |
| -16/ -17 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 11 | 11 | | | | | | | | | | | | | | | | | | |
| -18/ -19 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 15 | 15 | | | | | | | | | | | | | | | | | | |
| -20/ -21 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 7 | 7 | | | | | | | | | | | | | | | | | | |
| -22/ -23 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | 5 | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX | | | | | ΣX^2 | | | | | ΣX^3 | | | | | ΣX^4 | | | | | ΣX^5 | | | | | ΣX^6 | | | | | ΣX^7 | | | | | ΣX^8 | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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USAFETAC FORM 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-81

NOV

PAGE 2 1500-1700

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 24/-25 | | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | | | | |
| 26/-27 | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| 28/-29 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 32/-33 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| TOTAL | 54.9 | 41.6 | 3.0 | .5 | | | | | | | | | | | | | | | | 806 | | 805 | | | | | | | | | | | | | |
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USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 71

PSYCHROMETRIC SUMMARY

73-81

NOV
1954

STATION

STATION NAME

YEARS

PAGE 1 1800-2000

806

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 44/ 43 | .5 | .3 | | | | | | | | | | | | | | | | 5 | 5 | 3 | 3 | | | | | |
| 42/ 41 | | .2 | | | | | | | | | | | | | | | | 1 | 1 | 2 | | | | | | |
| 40/ 39 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | 1 | 3 | | | | | |
| 38/ 37 | .2 | .9 | .2 | | | | | | | | | | | | | | | 7 | 7 | 1 | 1 | | | | | |
| 36/ 35 | | .2 | .5 | | | | | | | | | | | | | | | 4 | 4 | 8 | | | | | | |
| 34/ 33 | 1.5 | 1.7 | .3 | .2 | | | | | | | | | | | | | | 22 | 22 | 17 | 9 | | | | | |
| 32/ 31 | 1.4 | 1.9 | .5 | | | | | | | | | | | | | | | 22 | 22 | 17 | 21 | | | | | |
| 30/ 29 | 1.2 | .3 | .3 | | | | | | | | | | | | | | | 11 | 11 | 18 | 14 | | | | | |
| 28/ 27 | .7 | .3 | | | | | | | | | | | | | | | | 6 | 6 | 11 | 16 | | | | | |
| 26/ 25 | 1.0 | 3.6 | | | | | | | | | | | | | | | | 27 | 27 | 13 | 5 | | | | | |
| 24/ 23 | 1.9 | .9 | | | | | | | | | | | | | | | | 16 | 16 | 30 | 5 | | | | | |
| 22/ 21 | 4.6 | .9 | | | | | | | | | | | | | | | | 32 | 32 | 33 | 32 | | | | | |
| 20/ 19 | 3.6 | 3.6 | .3 | | | | | | | | | | | | | | | 44 | 44 | 30 | 43 | | | | | |
| 18/ 17 | 1.2 | 3.1 | | | | | | | | | | | | | | | | 25 | 25 | 22 | 20 | | | | | |
| 16/ 15 | 3.6 | 3.8 | | | | | | | | | | | | | | | | 43 | 43 | 53 | 21 | | | | | |
| 14/ 13 | 3.6 | 1.7 | | | | | | | | | | | | | | | | 31 | 31 | 29 | 37 | | | | | |
| 12/ 11 | 4.3 | 1.4 | .2 | | | | | | | | | | | | | | | 34 | 34 | 36 | 34 | | | | | |
| 10/ 9 | 2.9 | 3.1 | | | | | | | | | | | | | | | | 35 | 35 | 27 | 28 | | | | | |
| 8/ 7 | 2.7 | 2.9 | | | | | | | | | | | | | | | | 33 | 33 | 39 | 32 | | | | | |
| 6/ 5 | 2.2 | 1.9 | | | | | | | | | | | | | | | | 24 | 24 | 32 | 18 | | | | | |
| 4/ 3 | 3.6 | 3.4 | | | | | | | | | | | | | | | | 41 | 42 | 40 | 33 | | | | | |
| 2/ 1 | 3.1 | 1.9 | | | | | | | | | | | | | | | | 29 | 29 | 28 | 35 | | | | | |
| 0/ -1 | 1.5 | .2 | | | | | | | | | | | | | | | | 10 | 10 | 13 | 34 | | | | | |
| -2/ -3 | 1.9 | 1.0 | | | | | | | | | | | | | | | | 17 | 17 | 16 | 23 | | | | | |
| -4/ -5 | 1.9 | | | | | | | | | | | | | | | | | 11 | 11 | 13 | 14 | | | | | |
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| -8/ -9 | 2.1 | | | | | | | | | | | | | | | | | 12 | 12 | 12 | 19 | | | | | |
| -10/-11 | 1.4 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 11 | | | | | |
| -12/-13 | 1.0 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 9 | | | | | |
| -14/-15 | 1.9 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 7 | | | | | |
| -16/-17 | .2 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 | | | | | |
| -18/-19 | .7 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 11 | | | | | |
| -20/-21 | .2 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | | | |
| -22/-23 | .2 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 | | | | | |
| Element (X) | Σ X ² | | Σ X | | X | X | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

73-81

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PAGE 7 1800-2000

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PSYCHROMETRIC SUMMARY

100

PAGE 1 2110-2100

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

702315

TATALINA AFS AK

75-81

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PSYCHROMETRIC SUMMARY

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ALL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|------|------|----------|----------|-----------|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| -22/-23 | .3 | | | | | | | | | | | | | | | | | 19 | | 19 | 19 | 62 | | | | | | | | | | | | |
| -24/-25 | .2 | | | | | | | | | | | | | | | | | 10 | | 10 | 10 | 54 | | | | | | | | | | | | |
| -26/-27 | .1 | | | | | | | | | | | | | | | | | 3 | | 3 | 3 | 44 | | | | | | | | | | | | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | | 21 | | | | | | | | | | | | |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | |
| TOTAL | 58.6 | 39.2 | 2.0 | .2 | | | | | | | | | | | | | | 5943 | | 5948 | 5943 | 5943 | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

73-81

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PAGE 1 0000-0200

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 38/ 37 | | .1 | | .5 | | | | | | | | | | | | | | 5 | 5 | | | | | | | | | | | | | | | | |
| 36/ 35 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 1 | | | | | | | | | | | | | | | |
| 34/ 33 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 1 | | | | | | | | | | | | | | |
| 32/ 31 | .9 | .4 | .1 | | | | | | | | | | | | | | | 11 | 11 | 10 | 9 | | | | | | | | | | | | | | |
| 30/ 29 | .8 | .8 | .1 | | | | | | | | | | | | | | | 13 | 13 | 9 | 4 | | | | | | | | | | | | | | |
| 28/ 27 | .3 | .4 | | | | | | | | | | | | | | | | 5 | 5 | 6 | 9 | | | | | | | | | | | | | | |
| 26/ 25 | .5 | 1.3 | | | | | | | | | | | | | | | | 14 | 14 | 11 | 4 | | | | | | | | | | | | | | |
| 24/ 23 | .3 | .5 | | | | | | | | | | | | | | | | 6 | 6 | 11 | 5 | | | | | | | | | | | | | | |
| 22/ 21 | .8 | .5 | | | | | | | | | | | | | | | | 10 | 10 | 10 | 19 | | | | | | | | | | | | | | |
| 20/ 19 | 1.5 | 1.5 | | | | | | | | | | | | | | | | 24 | 24 | 21 | 16 | | | | | | | | | | | | | | |
| 18/ 17 | 1.3 | 1.0 | | | | | | | | | | | | | | | | 18 | 18 | 20 | 12 | | | | | | | | | | | | | | |
| 16/ 15 | 1.3 | 2.6 | | | | | | | | | | | | | | | | 31 | 31 | 24 | 16 | | | | | | | | | | | | | | |
| 14/ 13 | 2.5 | 2.0 | | | | | | | | | | | | | | | | 36 | 36 | 37 | 19 | | | | | | | | | | | | | | |
| 12/ 11 | 2.1 | 1.4 | | | | | | | | | | | | | | | | 28 | 28 | 30 | 29 | | | | | | | | | | | | | | |
| 10/ 9 | 1.3 | 1.4 | | | | | | | | | | | | | | | | 21 | 21 | 25 | 33 | | | | | | | | | | | | | | |
| 8/ 7 | 1.4 | 1.3 | | | | | | | | | | | | | | | | 21 | 21 | 16 | 22 | | | | | | | | | | | | | | |
| 6/ 5 | 1.5 | 2.1 | | | | | | | | | | | | | | | | 29 | 29 | 35 | 14 | | | | | | | | | | | | | | |
| 4/ 3 | 4.2 | .9 | | | | | | | | | | | | | | | | 40 | 40 | 39 | 23 | | | | | | | | | | | | | | |
| 2/ 1 | 5.3 | 1.0 | | | | | | | | | | | | | | | | 50 | 50 | 53 | 41 | | | | | | | | | | | | | | |
| 0/ -1 | 4.7 | | | | | | | | | | | | | | | | | 37 | 37 | 37 | 40 | | | | | | | | | | | | | | |
| -2/ -3 | 4.4 | .5 | | | | | | | | | | | | | | | | 39 | 39 | 37 | 38 | | | | | | | | | | | | | | |
| -4/ -5 | 5.3 | .1 | | | | | | | | | | | | | | | | 43 | 43 | 44 | 44 | | | | | | | | | | | | | | |
| -6/ -7 | 6.2 | | | | | | | | | | | | | | | | | 49 | 49 | 50 | 31 | | | | | | | | | | | | | | |
| -8/ -9 | 4.9 | | | | | | | | | | | | | | | | | 39 | 39 | 39 | 32 | | | | | | | | | | | | | | |
| -10/ -11 | 4.2 | | | | | | | | | | | | | | | | | 33 | 33 | 33 | 29 | | | | | | | | | | | | | | |
| -12/ -13 | 2.4 | | | | | | | | | | | | | | | | | 19 | 20 | 19 | 30 | | | | | | | | | | | | | | |
| -14/ -15 | 3.0 | | | | | | | | | | | | | | | | | 24 | 25 | 24 | 31 | | | | | | | | | | | | | | |
| -16/ -17 | 2.3 | | | | | | | | | | | | | | | | | 18 | 18 | 18 | 35 | | | | | | | | | | | | | | |
| -18/ -19 | 4.3 | | | | | | | | | | | | | | | | | 34 | 34 | 34 | 32 | | | | | | | | | | | | | | |
| -20/ -21 | 2.9 | | | | | | | | | | | | | | | | | 23 | 26 | 23 | 27 | | | | | | | | | | | | | | |
| -22/ -23 | 3.5 | | | | | | | | | | | | | | | | | 28 | 28 | 28 | 18 | | | | | | | | | | | | | | |
| -24/ -25 | 1.4 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 19 | | | | | | | | | | | | | | |
| -26/ -27 | 1.0 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 29 | | | | | | | | | | | | | | |
| -28/ -29 | 1.4 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 23 | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X̄ | | σ _X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Num. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

702315

TATALINA AFS AK

73-81

DEC 1964

PAGE 2

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HOURS S. T.

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PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

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DEC

STATION

STATION NAME

YEARS

PAGE 1 0300-0500

1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 26

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PSYCHROMETRIC SUMMARY

702315
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TATALINA AFS AK

73-81

DEC

PAGE 2 0300-0500

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| -35/-31 | 1.4 | | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 19 | | | | | | | | | | | | |
| -32/-33 | .2 | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 13 | | | | | | | | | | | | |
| -34/-35 | .2 | | | | | | | | | | | | | | | | | | 2 | 3 | 2 | 28 | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | 3 | | 9 | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | 1 | | 8 | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| TOTAL | 82.3 | 16.6 | .9 | .2 | | | | | | | | | | | | | | | 809 | 814 | 809 | 909 | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

73-81

DFC

PAGE 1 0600-0800

0600-0800
HOURS

SAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 73)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 36/ 35 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | |
| 34/ 33 | .1 | .6 | .2 | | | | | | | | | | | | | | | 8 | 8 | 4 | 1 | | | | | | | | | | |
| 32/ 31 | .5 | 1.0 | .4 | | | | | | | | | | | | | | | 15 | 15 | 8 | 9 | | | | | | | | | | |
| 30/ 29 | 1.2 | .1 | | | | | | | | | | | | | | | | 11 | 11 | 21 | 11 | | | | | | | | | | |
| 28/ 27 | .5 | .6 | | | | | | | | | | | | | | | | 9 | 9 | 10 | 6 | | | | | | | | | | |
| 26/ 25 | .4 | .4 | | | | | | | | | | | | | | | | 6 | 6 | 5 | 9 | | | | | | | | | | |
| 24/ 23 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 9 | | | | | | | | | | |
| 22/ 21 | 1.6 | .5 | | | | | | | | | | | | | | | | 17 | 17 | 16 | 5 | | | | | | | | | | |
| 20/ 19 | 1.7 | 1.9 | | | | | | | | | | | | | | | | 29 | 29 | 21 | 17 | | | | | | | | | | |
| 18/ 17 | .4 | 1.0 | | | | | | | | | | | | | | | | 11 | 11 | 14 | 14 | | | | | | | | | | |
| 16/ 15 | 1.6 | 2.3 | | | | | | | | | | | | | | | | 32 | 32 | 27 | 13 | | | | | | | | | | |
| 14/ 13 | 1.9 | 1.6 | | | | | | | | | | | | | | | | 28 | 28 | 30 | 24 | | | | | | | | | | |
| 12/ 11 | 1.7 | .9 | | | | | | | | | | | | | | | | 21 | 21 | 24 | 21 | | | | | | | | | | |
| 10/ 9 | 2.0 | 1.5 | | | | | | | | | | | | | | | | 28 | 28 | 27 | 26 | | | | | | | | | | |
| 8/ 7 | 1.2 | 2.7 | | | | | | | | | | | | | | | | 32 | 32 | 27 | 23 | | | | | | | | | | |
| 6/ 5 | 2.2 | 1.5 | | | | | | | | | | | | | | | | 30 | 30 | 40 | 17 | | | | | | | | | | |
| 4/ 3 | 3.7 | .6 | | | | | | | | | | | | | | | | 35 | 35 | 34 | 21 | | | | | | | | | | |
| 2/ 1 | 4.7 | .7 | | | | | | | | | | | | | | | | 44 | 44 | 45 | 60 | | | | | | | | | | |
| 0/ -1 | 5.6 | .2 | | | | | | | | | | | | | | | | 47 | 47 | 47 | 31 | | | | | | | | | | |
| -2/ -3 | 5.3 | .1 | | | | | | | | | | | | | | | | 44 | 44 | 46 | 38 | | | | | | | | | | |
| -4/ -5 | 3.5 | | | | | | | | | | | | | | | | | 28 | 28 | 28 | 40 | | | | | | | | | | |
| -6/ -7 | 5.2 | | | | | | | | | | | | | | | | | 42 | 42 | 42 | 34 | | | | | | | | | | |
| -8/ -9 | 5.2 | | | | | | | | | | | | | | | | | 42 | 42 | 42 | 25 | | | | | | | | | | |
| -10/-11 | 6.5 | | | | | | | | | | | | | | | | | 53 | 53 | 53 | 43 | | | | | | | | | | |
| -12/-13 | 2.0 | | | | | | | | | | | | | | | | | 16 | 16 | 16 | 16 | | | | | | | | | | |
| -14/-15 | 1.6 | | | | | | | | | | | | | | | | | 13 | 13 | 13 | 36 | | | | | | | | | | |
| -16/-17 | 2.1 | | | | | | | | | | | | | | | | | 17 | 17 | 17 | 28 | | | | | | | | | | |
| -18/-19 | 5.2 | | | | | | | | | | | | | | | | | 42 | 42 | 42 | 50 | | | | | | | | | | |
| -20/-21 | 2.1 | | | | | | | | | | | | | | | | | 17 | 17 | 17 | 17 | | | | | | | | | | |
| -22/-23 | 3.1 | | | | | | | | | | | | | | | | | 25 | 25 | 25 | 20 | | | | | | | | | | |
| -24/-25 | 2.7 | | | | | | | | | | | | | | | | | 22 | 22 | 22 | 20 | | | | | | | | | | |
| -26/-27 | 1.6 | | | | | | | | | | | | | | | | | 13 | 13 | 13 | 20 | | | | | | | | | | |
| -28/-29 | 1.9 | | | | | | | | | | | | | | | | | 15 | 15 | 15 | 27 | | | | | | | | | | |
| -30/-31 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 9 | | | | | | | | | | |
| Element (X) | Σ x' | | Σ x | | x̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | |
| Rel. Num. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| | |
|---------------|------------------------|
| <u>702315</u> | <u>TATALINA AFS AK</u> |
| STATION | STATION NAME |

73-81

DEC

PAGE 2 0600-0800

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 32/-33 | 1.0 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 21 | | | | | | | | | | | | | | | | |
| 34/-35 | | | | | | | | | | | | | | | | | | | 1 | | 49 | | | | | | | | | | | | | | | | |
| 36/-37 | | | | | | | | | | | | | | | | | | | 1 | | 7 | | | | | | | | | | | | | | | | |
| 38/-39 | | | | | | | | | | | | | | | | | | | 1 | | 13 | | | | | | | | | | | | | | | | |
| TOTAL | 80.7 | 18.4 | .7 | .1 | | | | | | | | | | | | | | | 810 | 810 | 810 | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

73-81

DEC

PAGE 1 0900-1100

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 36/ 35 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | | | |
| 34/ 33 | .2 | .5 | .1 | | | | | | | | | | | | | | | 7 | 7 | 5 | 4 | | | | | | | | | | | | | | | | |
| 32/ 31 | .5 | 1.3 | .2 | .1 | | | | | | | | | | | | | | 18 | 18 | 7 | 7 | | | | | | | | | | | | | | | | |
| 30/ 29 | .7 | .2 | .1 | | | | | | | | | | | | | | | 9 | 9 | 19 | 8 | | | | | | | | | | | | | | | | |
| 28/ 27 | .5 | .2 | | | | | | | | | | | | | | | | 6 | 6 | 9 | 7 | | | | | | | | | | | | | | | | |
| 26/ 25 | .9 | 1.1 | .1 | | | | | | | | | | | | | | | 17 | 17 | 12 | 12 | | | | | | | | | | | | | | | | |
| 24/ 23 | .1 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 9 | 7 | | | | | | | | | | | | | | | | |
| 22/ 21 | .6 | .6 | | | | | | | | | | | | | | | | 10 | 17 | 6 | 11 | | | | | | | | | | | | | | | | |
| 20/ 19 | 2.5 | 1.2 | | | | | | | | | | | | | | | | 30 | 30 | 31 | 11 | | | | | | | | | | | | | | | | |
| 18/ 17 | .6 | 2.0 | | | | | | | | | | | | | | | | 21 | 21 | 17 | 20 | | | | | | | | | | | | | | | | |
| 16/ 15 | .9 | 1.7 | | | | | | | | | | | | | | | | 21 | 21 | 20 | 18 | | | | | | | | | | | | | | | | |
| 14/ 13 | 1.5 | 1.7 | | | | | | | | | | | | | | | | 26 | 26 | 25 | 23 | | | | | | | | | | | | | | | | |
| 12/ 11 | 1.6 | .7 | | | | | | | | | | | | | | | | 19 | 19 | 24 | 15 | | | | | | | | | | | | | | | | |
| 10/ 9 | 1.6 | 2.1 | | | | | | | | | | | | | | | | 30 | 30 | 24 | 18 | | | | | | | | | | | | | | | | |
| 8/ 7 | 1.5 | 3.6 | | | | | | | | | | | | | | | | 41 | 41 | 30 | 22 | | | | | | | | | | | | | | | | |
| 6/ 5 | 1.6 | 2.1 | | | | | | | | | | | | | | | | 30 | 30 | 47 | 21 | | | | | | | | | | | | | | | | |
| 4/ 3 | 2.9 | .4 | | | | | | | | | | | | | | | | 27 | 27 | 32 | 22 | | | | | | | | | | | | | | | | |
| 2/ 1 | 5.5 | .7 | | | | | | | | | | | | | | | | 51 | 51 | 47 | 53 | | | | | | | | | | | | | | | | |
| 0/ -1 | 7.1 | | | | | | | | | | | | | | | | | 58 | 58 | 62 | 36 | | | | | | | | | | | | | | | | |
| -2/ -3 | 3.1 | .1 | | | | | | | | | | | | | | | | 26 | 26 | 26 | 45 | | | | | | | | | | | | | | | | |
| -4/ -5 | 5.1 | | | | | | | | | | | | | | | | | 42 | 42 | 42 | 47 | | | | | | | | | | | | | | | | |
| -6/ -7 | 4.7 | | | | | | | | | | | | | | | | | 38 | 38 | 38 | 27 | | | | | | | | | | | | | | | | |
| -8/ -9 | 5.8 | | | | | | | | | | | | | | | | | 47 | 47 | 47 | 33 | | | | | | | | | | | | | | | | |
| -10/-11 | 4.5 | | | | | | | | | | | | | | | | | 37 | 37 | 37 | 29 | | | | | | | | | | | | | | | | |
| -12/-13 | 2.2 | | | | | | | | | | | | | | | | | 18 | 18 | 18 | 24 | | | | | | | | | | | | | | | | |
| -14/-15 | 2.6 | | | | | | | | | | | | | | | | | 21 | 21 | 21 | 42 | | | | | | | | | | | | | | | | |
| -16/-17 | 2.2 | | | | | | | | | | | | | | | | | 18 | 18 | 18 | 40 | | | | | | | | | | | | | | | | |
| -18/-19 | 4.0 | | | | | | | | | | | | | | | | | 33 | 33 | 33 | 33 | | | | | | | | | | | | | | | | |
| -20/-21 | 2.5 | | | | | | | | | | | | | | | | | 20 | 20 | 20 | 16 | | | | | | | | | | | | | | | | |
| -22/-23 | 3.2 | | | | | | | | | | | | | | | | | 26 | 26 | 26 | 15 | | | | | | | | | | | | | | | | |
| -24/-25 | 2.3 | | | | | | | | | | | | | | | | | 19 | 19 | 19 | 30 | | | | | | | | | | | | | | | | |
| -26/-27 | 1.8 | | | | | | | | | | | | | | | | | 15 | 15 | 15 | 9 | | | | | | | | | | | | | | | | |
| -28/-29 | 1.7 | | | | | | | | | | | | | | | | | 14 | 14 | 14 | 39 | | | | | | | | | | | | | | | | |
| -30/-31 | 1.1 | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 12 | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK

73-81

DEC

STATION

STATION NAME

YEARS

PAGE 2 0900-1100

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 32/-33 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 13 | | | | | | | | | | | | | | | | |
| 34/-35 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 16 | | | | | | | | | | | | | | | | |
| 36/-37 | | | | | | | | | | | | | | | | | | | | | 17 | | | | | | | | | | | | | | | | |
| 38/-39 | | | | | | | | | | | | | | | | | | | | 1 | 8 | | | | | | | | | | | | | | | | |
| 40/-41 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | |
| TOTAL | 78.4 | 20.8 | .6 | .1 | | | | | | | | | | | | | | | 816 | 817 | 816 | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -30/-31 | .9 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 8 | | | | | | | | | | | | | | |
| -32/-33 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 15 | | | | | | | | | | | | | | |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | 1 | | 2 | | | | | | | | | | | | | | |
| -40/-49 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| TOTAL | 75.0 | 24.3 | .5 | .2 | | | | | | | | | | | | | | | 815 | 816 | 815 | 915 | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| -31/-31 | 1.4 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 8 | | | | | | | | | | | | | | | |
| -32/-33 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 21 | | | | | | | | | | | | | | | |
| -34/-35 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 17 | | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | 1 | | 3 | | | | | | | | | | | | | | | |
| -42/-45 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| TOTAL | 60.2 | 19.3 | .1 | .4 | | | | | | | | | | | | | | 777 | 778 | 777 | 777 | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

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STATION

TATALINA AFS AK
STATION NAME

73-75,77-81
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(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
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Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31-32 | 33-34 | 35-36 | 37-38 | 39-40 | 41-42 | 43-44 | 45-46 | 47-48 | 49-50 | 51-52 | 53-54 | 55-56 | 57-58 | 59-60 | 61-62 | 63-64 | 65-66 | 67-68 | 69-70 | 71-72 | 73-74 | 75-76 | 77-78 | 79-80 | 81-82 | 83-84 | 85-86 | 87-88 | 89-90 | 91-92 | 93-94 | 95-96 | 97-98 | 99-100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

DEC
MIN

PAGE 2 1800-2000

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | O.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -29/-29 | 1.2 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 16 | | | | | | | | | | | | | | |
| -30/-31 | .6 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 7 | | | | | | | | | | | | | | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | | | | |
| -34/-35 | .6 | | | | | | | | | | | | | | | | | 3 | 4 | 3 | 16 | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 1 | | 12 | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 85.3 | 14.0 | .2 | .6 | | | | | | | | | | | | | | 516 | 522 | 516 | 516 | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

DEC
MON

PAGE 1 2100-2300
HOURS L.S.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | * 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 35/ 39 | | | | .6 | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 34/ 35 | .2 | | | | | | | | | | | | | | | | | 1 | 1 | 4 | 1 | | | | | | | | | | | | | | |
| 34/ 33 | .4 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | |
| 32/ 31 | 1.3 | .6 | .2 | | | | | | | | | | | | | | | 11 | 11 | 7 | 7 | | | | | | | | | | | | | | |
| 30/ 29 | 1.2 | 1.2 | | | | | | | | | | | | | | | | 12 | 12 | 9 | 2 | | | | | | | | | | | | | | |
| 28/ 27 | .8 | .4 | | | | | | | | | | | | | | | | 6 | 6 | 13 | 11 | | | | | | | | | | | | | | |
| 26/ 25 | | 1.0 | | | | | | | | | | | | | | | | 5 | 5 | | 5 | | | | | | | | | | | | | | |
| 24/ 23 | .4 | .6 | | | | | | | | | | | | | | | | 5 | 5 | 10 | 4 | | | | | | | | | | | | | | |
| 22/ 21 | .8 | .6 | | | | | | | | | | | | | | | | 7 | 7 | 6 | 3 | | | | | | | | | | | | | | |
| 20/ 19 | 2.9 | 1.3 | | | | | | | | | | | | | | | | 22 | 22 | 22 | 15 | | | | | | | | | | | | | | |
| 18/ 17 | 1.2 | 2.5 | | | | | | | | | | | | | | | | 19 | 19 | 10 | 11 | | | | | | | | | | | | | | |
| 16/ 15 | 1.5 | 2.7 | | | | | | | | | | | | | | | | 22 | 22 | 26 | .2 | | | | | | | | | | | | | | |
| 14/ 13 | 1.9 | 2.1 | .2 | | | | | | | | | | | | | | | 22 | 22 | 18 | 15 | | | | | | | | | | | | | | |
| 12/ 11 | 1.5 | .4 | | | | | | | | | | | | | | | | 10 | 10 | 18 | 20 | | | | | | | | | | | | | | |
| 10/ 9 | 1.9 | 1.2 | | | | | | | | | | | | | | | | 16 | 16 | 14 | 20 | | | | | | | | | | | | | | |
| 8/ 7 | 1.5 | 1.3 | | | | | | | | | | | | | | | | 15 | 15 | 15 | 14 | | | | | | | | | | | | | | |
| 6/ 5 | 1.7 | 1.2 | | | | | | | | | | | | | | | | 15 | 15 | 17 | 9 | | | | | | | | | | | | | | |
| 4/ 3 | 3.1 | .8 | | | | | | | | | | | | | | | | 20 | 20 | 22 | 11 | | | | | | | | | | | | | | |
| 2/ 1 | 3.6 | | | | | | | | | | | | | | | | | 19 | 19 | 19 | 31 | | | | | | | | | | | | | | |
| 0/ -1 | 3.5 | | | | | | | | | | | | | | | | | 18 | 18 | 18 | 9 | | | | | | | | | | | | | | |
| -2/ -3 | 2.9 | | | | | | | | | | | | | | | | | 15 | 15 | 15 | 15 | | | | | | | | | | | | | | |
| -4/ -5 | 5.0 | | | | | | | | | | | | | | | | | 26 | 26 | 26 | 18 | | | | | | | | | | | | | | |
| -6/ -7 | 3.6 | | | | | | | | | | | | | | | | | 19 | 19 | 19 | 16 | | | | | | | | | | | | | | |
| -8/ -9 | 6.3 | | | | | | | | | | | | | | | | | 33 | 33 | 33 | 19 | | | | | | | | | | | | | | |
| -10/-11 | 5.6 | | | | | | | | | | | | | | | | | 29 | 30 | 29 | 18 | | | | | | | | | | | | | | |
| -12/-13 | 2.5 | | | | | | | | | | | | | | | | | 13 | 15 | 13 | 13 | | | | | | | | | | | | | | |
| -14/-15 | 3.5 | | | | | | | | | | | | | | | | | 18 | 18 | 18 | 27 | | | | | | | | | | | | | | |
| -16/-17 | 1.9 | | | | | | | | | | | | | | | | | 10 | 11 | 10 | 16 | | | | | | | | | | | | | | |
| -18/-19 | 5.0 | | | | | | | | | | | | | | | | | 26 | 28 | 26 | 27 | | | | | | | | | | | | | | |
| -20/-21 | 4.2 | | | | | | | | | | | | | | | | | 22 | 22 | 22 | 16 | | | | | | | | | | | | | | |
| -22/-23 | 4.4 | | | | | | | | | | | | | | | | | 23 | 23 | 23 | 14 | | | | | | | | | | | | | | |
| -24/-25 | 2.9 | | | | | | | | | | | | | | | | | 15 | 15 | 15 | 18 | | | | | | | | | | | | | | |
| -26/-27 | 1.3 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 27 | | | | | | | | | | | | | | |
| -28/-29 | 1.9 | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 16 | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X | | °X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

702315
STATION

TATALINA AFS AK

75-31

DEC 1964

PAGE 2 2100-2300

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|-----|-----|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -30/-31 | .8 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 8 | | | | | | | | | | | | | | |
| -32/-33 | .2 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 16 | | | | | | | | | | | | | | |
| -34/-35 | | | | | | | | | | | | | | | | | | | 1 | | 9 | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 2 | | 14 | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| TOTAL | 81.4 | 17.7 | .4 | .6 | | | | | | | | | | | | | | | 521 | 521 | 521 | | | | | | | | | | | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7023.1 TATALINA AFS AK

73-81

DFC

STATION

STATION NAME

YEARS

PAGE 1

ALL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|------------|------|-------|-------|-----------|-------|-------|-------|------------|-------|-------|-------|----------|-----------|----------|----------|------------------------------------|--|--|--|--|--|--|--|--|--|------------|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 40/ 39 | | | | .2 | | | | | | | | | | | | | | 9 | 9 | | | | | | | | | | | | | | | | |
| 38/ 37 | .0 | .0 | | .1 | | | | | | | | | | | | | | 9 | 9 | 1 | | | | | | | | | | | | | | | |
| 36/ 35 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | 19 | 19 | 14 | 8 | | | | | | | | | | | | | | |
| 34/ 33 | .2 | .4 | .1 | | | | | | | | | | | | | | | 35 | 35 | 32 | 12 | | | | | | | | | | | | | | |
| 32/ 31 | .6 | 1.0 | .2 | .0 | | | | | | | | | | | | | | 108 | 108 | 60 | 55 | | | | | | | | | | | | | | |
| 30/ 29 | .8 | .5 | .1 | | | | | | | | | | | | | | | 84 | 84 | 114 | 54 | | | | | | | | | | | | | | |
| 28/ 27 | .4 | .4 | | | | | | | | | | | | | | | | 45 | 45 | 71 | 58 | | | | | | | | | | | | | | |
| 26/ 25 | .5 | .8 | .0 | | | | | | | | | | | | | | | 79 | 79 | 59 | 59 | | | | | | | | | | | | | | |
| 24/ 23 | .2 | .3 | | | | | | | | | | | | | | | | 32 | 32 | 63 | 61 | | | | | | | | | | | | | | |
| 22/ 21 | 1.1 | .6 | | | | | | | | | | | | | | | | 98 | 98 | 88 | 78 | | | | | | | | | | | | | | |
| 20/ 19 | 2.3 | 1.4 | | | | | | | | | | | | | | | | 215 | 215 | 181 | 114 | | | | | | | | | | | | | | |
| 18/ 17 | 1.1 | 1.6 | | | | | | | | | | | | | | | | 156 | 156 | 146 | 118 | | | | | | | | | | | | | | |
| 16/ 15 | 1.1 | 2.1 | | | | | | | | | | | | | | | | 190 | 190 | 184 | 133 | | | | | | | | | | | | | | |
| 14/ 13 | 1.7 | 1.6 | .0 | | | | | | | | | | | | | | | 193 | 193 | 195 | 146 | | | | | | | | | | | | | | |
| 12/ 11 | 1.9 | .9 | | | | | | | | | | | | | | | | 165 | 165 | 186 | 157 | | | | | | | | | | | | | | |
| 10/ 9 | 1.5 | 1.8 | | | | | | | | | | | | | | | | 196 | 196 | 176 | 189 | | | | | | | | | | | | | | |
| 8/ 7 | 1.6 | 2.1 | | | | | | | | | | | | | | | | 216 | 216 | 198 | 156 | | | | | | | | | | | | | | |
| 6/ 5 | 1.8 | 1.5 | | | | | | | | | | | | | | | | 190 | 190 | 249 | 130 | | | | | | | | | | | | | | |
| 4/ 3 | 3.5 | .9 | | | | | | | | | | | | | | | | 255 | 255 | 255 | 171 | | | | | | | | | | | | | | |
| 2/ 1 | 5.3 | .8 | | | | | | | | | | | | | | | | 357 | 357 | 365 | 323 | | | | | | | | | | | | | | |
| 0/ -1 | 5.2 | .1 | | | | | | | | | | | | | | | | 311 | 311 | 317 | 237 | | | | | | | | | | | | | | |
| -2/ -3 | 4.3 | .2 | | | | | | | | | | | | | | | | 266 | 266 | 268 | 296 | | | | | | | | | | | | | | |
| -4/ -5 | 4.7 | .0 | | | | | | | | | | | | | | | | 279 | 279 | 283 | 293 | | | | | | | | | | | | | | |
| -6/ -7 | 4.9 | .1 | | | | | | | | | | | | | | | | 291 | 291 | 292 | 235 | | | | | | | | | | | | | | |
| -8/ -9 | 5.4 | | | | | | | | | | | | | | | | | 317 | 319 | 318 | 200 | | | | | | | | | | | | | | |
| -10/ -11 | 5.4 | | | | | | | | | | | | | | | | | 317 | 318 | 317 | 270 | | | | | | | | | | | | | | |
| -12/ -13 | 2.3 | | | | | | | | | | | | | | | | | 135 | 138 | 135 | 173 | | | | | | | | | | | | | | |
| -14/ -15 | 2.6 | | | | | | | | | | | | | | | | | 153 | 156 | 153 | 239 | | | | | | | | | | | | | | |
| -16/ -17 | 2.2 | | | | | | | | | | | | | | | | | 127 | 128 | 127 | 267 | | | | | | | | | | | | | | |
| -18/ -19 | 4.1 | | | | | | | | | | | | | | | | | 240 | 242 | 240 | 291 | | | | | | | | | | | | | | |
| -20/ -21 | 3.0 | | | | | | | | | | | | | | | | | 177 | 180 | 177 | 158 | | | | | | | | | | | | | | |
| -22/ -23 | 3.0 | | | | | | | | | | | | | | | | | 175 | 175 | 175 | 118 | | | | | | | | | | | | | | |
| -24/ -25 | 2.5 | | | | | | | | | | | | | | | | | 148 | 148 | 148 | 192 | | | | | | | | | | | | | | |
| -26/ -27 | 1.6 | | | | | | | | | | | | | | | | | 92 | 92 | 92 | 151 | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | | | ΣX | | | | \bar{X} | | | | σ_x | | | | No. Obs. | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ± 0 F | | | | | | | | | | ± 32 F | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | ± 67 F | | | | | | | | | | ± 73 F | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | ± 80 F | | | | | | | | | | ± 93 F | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-61

DEC

STATION

STATION NAME

YEARS

DATE: _____

PAGE 2

ALL

100,000

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|------|------|----------|----------|-----------|------|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| -28/-29 | 1.4 | | | | | | | | | | | | | | | | | | | 84 | 84 | 84 | 182 | | | | | | | | | | | | | | |
| -30/-31 | 1.0 | | | | | | | | | | | | | | | | | | | 60 | 61 | 60 | 78 | | | | | | | | | | | | | | |
| -32/-33 | .4 | | | | | | | | | | | | | | | | | | | 24 | 24 | 24 | 132 | | | | | | | | | | | | | | |
| -34/-35 | .2 | | | | | | | | | | | | | | | | | | | 12 | 17 | 12 | 152 | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 10 | | 97 | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | 4 | | 56 | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 1 | | 16 | | | | | | | | | | | | | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -46/-49 | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| TOTAL | 80.0 | 19.2 | .5 | .3 | | | | | | | | | | | | | | | | | 5895 | | 5859 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | 5859 | | 5659 | | | | | | | | | | | | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-2315 TATALINA AFS AK

73-81

ALL

STATION

STATION NAME

YEARS

PAGE 1

ALL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|------------|-----|------|-----------|------------|----------|-------|-------|------------------------------------|-------|-------|--------|-------|-----|-----------|----------|----------|-----------|------|--|--------|--|--|--------|--|--|-------|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | .0 | .0 | | .0 | | | | | | 6 | 6 | | | | | | | | | | | | | | | |
| 96/ 85 | | | | | | | | | | .0 | .0 | | .0 | | | | | | 5 | 5 | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | .0 | .0 | .0 | | | | | | | 11 | 11 | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | .0 | .0 | .0 | | .0 | | | | | | 24 | 24 | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | .0 | .0 | .0 | .0 | .0 | | | | | | | 49 | 49 | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | 132 | 132 | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | .0 | .0 | .1 | .1 | .0 | .0 | .0 | | | | | | | 177 | 177 | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | .0 | .0 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | | | 244 | 244 | | | | | | | | | | | | | | | |
| 72/ 71 | | | | .0 | .0 | .0 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | | | 315 | 315 | | | | | | | | | | | | | | | |
| 70/ 69 | | | .0 | .0 | .1 | .1 | .2 | .2 | .1 | .0 | .0 | .0 | | | | | | | 511 | 511 | 1 | | | | | | | | | | | | | | |
| 68/ 67 | | | .0 | .0 | .1 | .2 | .3 | .1 | .1 | .0 | | | | | | | | | 677 | 677 | 8 | | | | | | | | | | | | | | |
| 66/ 65 | | .0 | .0 | .1 | .3 | .3 | .2 | .1 | .1 | .0 | | | | | | | | | 776 | 776 | 57 | | | | | | | | | | | | | | |
| 64/ 63 | | .0 | .0 | .2 | .3 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | 963 | 963 | 129 | 1 | | | | | | | | | | | | | |
| 62/ 61 | | .0 | .1 | .3 | .5 | .3 | .3 | .1 | .0 | .0 | | | | | | | | | 1163 | 1163 | 296 | 10 | | | | | | | | | | | | | |
| 60/ 59 | .0 | .1 | .4 | .5 | .4 | .4 | .2 | .1 | .0 | | | | | | | | | | 1549 | 1549 | 588 | 60 | | | | | | | | | | | | | |
| 58/ 57 | .0 | .3 | .5 | .6 | .6 | .4 | .2 | .1 | .0 | | | | | | | | | | 1819 | 1820 | 1142 | 191 | | | | | | | | | | | | | |
| 56/ 55 | .1 | .5 | .7 | .7 | .5 | .4 | .2 | .1 | .0 | | | | | | | | | | 2202 | 2202 | 1779 | 504 | | | | | | | | | | | | | |
| 54/ 53 | .1 | .6 | .8 | .7 | .5 | .3 | .2 | .1 | | | | | | | | | | | 2237 | 2240 | 2171 | 988 | | | | | | | | | | | | | |
| 52/ 51 | .2 | .8 | .9 | .6 | .5 | .3 | .1 | .0 | | | | | | | | | | | 2441 | 2441 | 2382 | 1402 | | | | | | | | | | | | | |
| 50/ 49 | .2 | 1.1 | 1.0 | .8 | .5 | .2 | .0 | .0 | | | | | | | | | | | 2600 | 2600 | 2849 | 1958 | | | | | | | | | | | | | |
| 48/ 47 | .3 | 1.2 | .8 | .7 | .4 | .1 | .0 | .0 | | | | | | | | | | | 2423 | 2425 | 3086 | 2547 | | | | | | | | | | | | | |
| 46/ 45 | .3 | 1.2 | .8 | .7 | .3 | .1 | .0 | | | | | | | | | | | | 2324 | 2324 | 3007 | 2810 | | | | | | | | | | | | | |
| 44/ 43 | .3 | .9 | .8 | .5 | .2 | .1 | .0 | | | | | | | | | | | | 1947 | 1947 | 2833 | 2594 | | | | | | | | | | | | | |
| 42/ 41 | .2 | .8 | .7 | .5 | .2 | .0 | | | | | | | | | | | | | 1688 | 1688 | 2455 | 2574 | | | | | | | | | | | | | |
| 40/ 39 | .3 | .7 | .6 | .5 | .2 | .0 | | | | | | | | | | | | | 1763 | 1764 | 2146 | 2452 | | | | | | | | | | | | | |
| 38/ 37 | .2 | .9 | .8 | .5 | .1 | .0 | | | | | | | | | | | | | 1701 | 1704 | 1831 | 2174 | | | | | | | | | | | | | |
| 36/ 35 | .3 | 1.1 | 1.0 | .4 | .1 | .0 | | | | | | | | | | | | | 1947 | 1950 | 1938 | 2296 | | | | | | | | | | | | | |
| 34/ 33 | .4 | 1.4 | .8 | .2 | .0 | | | | | | | | | | | | | | 1961 | 1963 | 2243 | 2235 | | | | | | | | | | | | | |
| 32/ 31 | 1.0 | 1.9 | 1.0 | .2 | .0 | | | | | | | | | | | | | | 2869 | 2887 | 2755 | 3252 | | | | | | | | | | | | | |
| 30/ 29 | .7 | 1.3 | .8 | .1 | .0 | | | | | | | | | | | | | | 1943 | 1947 | 2602 | 2394 | | | | | | | | | | | | | |
| 28/ 27 | .5 | 1.3 | .4 | .1 | | | | | | | | | | | | | | | 1504 | 1508 | 2082 | 2306 | | | | | | | | | | | | | |
| 26/ 25 | .5 | 1.5 | .4 | .1 | | | | | | | | | | | | | | | 1618 | 1620 | 1871 | 2313 | | | | | | | | | | | | | |
| 24/ 23 | .3 | 1.0 | .3 | .0 | | | | | | | | | | | | | | | 1101 | 1101 | 1721 | 1547 | | | | | | | | | | | | | |
| 22/ 21 | .9 | 1.3 | .3 | .0 | | | | | | | | | | | | | | | 1680 | 1681 | 1643 | 2034 | | | | | | | | | | | | | |
| Element (X) | Σx^2 | | | Σx | | | \bar{x} | σ_x | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | = 0 F | | | = 32 F | | | = 67 F | | | = 73 F | | | = 80 F | | | = 93 F | | | Total | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 TATALINA AFS AK

73-81

ALL

STATION

STATION NAME

YEARS

PAGE 2

ALL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------------|-------|-------|-------|-------|----------|-------|-------|-------|-------|------------|-----|-----------|----------|----------|-----------|--|--|--|--|------------------------------------|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 20/ 19 | 1.2 | 1.8 | .2 | .0 | | | | | | | | | | | | | | 2256 | 2257 | 1931 | 2703 | | | | | | | | | | | | | | |
| 19/ 17 | .6 | 1.6 | .2 | | | | | | | | | | | | | | | 1593 | 1593 | 1761 | 1771 | | | | | | | | | | | | | | |
| 16/ 15 | .8 | 1.7 | .1 | | | | | | | | | | | | | | | 1790 | 1793 | 1848 | 1810 | | | | | | | | | | | | | | |
| 14/ 13 | .7 | 1.4 | .1 | | | | | | | | | | | | | | | 1518 | 1519 | 1566 | 1795 | | | | | | | | | | | | | | |
| 12/ 11 | .9 | 1.2 | .0 | | | | | | | | | | | | | | | 1510 | 1512 | 1639 | 1693 | | | | | | | | | | | | | | |
| 10/ 9 | .7 | 1.3 | .0 | | | | | | | | | | | | | | | 1372 | 1372 | 1499 | 1644 | | | | | | | | | | | | | | |
| 8/ 7 | .6 | 1.2 | .0 | | | | | | | | | | | | | | | 1245 | 1245 | 1270 | 1475 | | | | | | | | | | | | | | |
| 6/ 5 | .5 | .9 | | | | | | | | | | | | | | | | 990 | 990 | 1268 | 1052 | | | | | | | | | | | | | | |
| 4/ 3 | .9 | .8 | | | | | | | | | | | | | | | | 1137 | 1138 | 1199 | 1257 | | | | | | | | | | | | | | |
| 2/ 1 | 1.3 | .8 | | | | | | | | | | | | | | | | 1446 | 1447 | 1417 | 1720 | | | | | | | | | | | | | | |
| 0/ -1 | 1.4 | .1 | | | | | | | | | | | | | | | | 1081 | 1081 | 1204 | 1191 | | | | | | | | | | | | | | |
| -2/ -3 | 1.2 | .2 | | | | | | | | | | | | | | | | 969 | 969 | 1007 | 1143 | | | | | | | | | | | | | | |
| -4/ -5 | 1.4 | .1 | | | | | | | | | | | | | | | | 1043 | 1044 | 1068 | 1155 | | | | | | | | | | | | | | |
| -6/ -7 | 1.2 | .0 | | | | | | | | | | | | | | | | 859 | 860 | 874 | 1011 | | | | | | | | | | | | | | |
| -8/ -9 | 1.2 | | | | | | | | | | | | | | | | | 818 | 820 | 831 | 953 | | | | | | | | | | | | | | |
| -10/-11 | 1.1 | | | | | | | | | | | | | | | | | 743 | 745 | 743 | 934 | | | | | | | | | | | | | | |
| -12/-13 | .7 | | | | | | | | | | | | | | | | | 446 | 449 | 446 | 635 | | | | | | | | | | | | | | |
| -14/-15 | .7 | | | | | | | | | | | | | | | | | 508 | 514 | 508 | 738 | | | | | | | | | | | | | | |
| -16/-17 | .7 | | | | | | | | | | | | | | | | | 454 | 455 | 454 | 721 | | | | | | | | | | | | | | |
| -18/-19 | .8 | | | | | | | | | | | | | | | | | 552 | 554 | 552 | 735 | | | | | | | | | | | | | | |
| -20/-21 | .6 | | | | | | | | | | | | | | | | | 429 | 433 | 429 | 510 | | | | | | | | | | | | | | |
| -22/-23 | .6 | | | | | | | | | | | | | | | | | 383 | 385 | 383 | 452 | | | | | | | | | | | | | | |
| -24/-25 | .5 | | | | | | | | | | | | | | | | | 325 | 325 | 325 | 479 | | | | | | | | | | | | | | |
| -26/-27 | .3 | | | | | | | | | | | | | | | | | 213 | 219 | 213 | 403 | | | | | | | | | | | | | | |
| -28/-29 | .3 | | | | | | | | | | | | | | | | | 188 | 194 | 188 | 425 | | | | | | | | | | | | | | |
| -30/-31 | .2 | | | | | | | | | | | | | | | | | 151 | 156 | 151 | 266 | | | | | | | | | | | | | | |
| -32/-33 | .1 | | | | | | | | | | | | | | | | | 86 | 89 | 86 | 314 | | | | | | | | | | | | | | |
| -34/-35 | .0 | | | | | | | | | | | | | | | | | 20 | 62 | 20 | 270 | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 48 | | 271 | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | 28 | | 189 | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | 28 | | 66 | | | | | | | | | | | | | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | 1 | | 16 | | | | | | | | | | | | | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | 1 | | 16 | | | | | | | | | | | | | | |
| -46/-47 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | | | | ΣX | | | | | Σ | | | | | σ^2 | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | Total | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26 3-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-81

ALL

STATION

STATION NAME

YEARS

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PAGE 3

ALL

— 25 —

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7 0315 TATALINA AFS AK

73-81

| | AN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DE | ANNUAL |
|-----------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| MEAN | 0.4 | 2.6 | 13.9 | 26.8 | 42.2 | 49.3 | 54.3 | 52.1 | 41.9 | 25.7 | 1.0 | -0.3 | 26.7 |
| STDEV | 17.581 | 17.783 | 13.667 | 9.297 | 6.410 | 5.874 | 5.373 | 5.856 | 6.169 | 9.519 | 13.420 | 15.462 | 22.628 |
| TOTAL OBS | 727 | 665 | 748 | 733 | 758 | 722 | 736 | 720 | 714 | 791 | 798 | 875 | 8917 |
| MEAN | 4.2 | 1.6 | 12.1 | 25.1 | 39.9 | 47.6 | 52.2 | 49.8 | 40.4 | 24.6 | 9.5 | -1.2 | 25.6 |
| STDEV | 13.187 | 17.878 | 13.888 | 9.339 | 5.987 | 5.681 | 4.842 | 5.752 | 5.873 | 9.582 | 13.531 | 15.610 | 22.239 |
| TOTAL OBS | 784 | 715 | 825 | 810 | 833 | 789 | 803 | 800 | 779 | 819 | 810 | 814 | 9581 |
| MEAN | 3.7 | 1.0 | 11.5 | 26.2 | 42.6 | 50.3 | 54.1 | 50.8 | 40.5 | 24.2 | 9.3 | -1.2 | 26.1 |
| STDEV | 18.427 | 17.856 | 13.987 | 9.758 | 6.615 | 6.493 | 5.492 | 6.341 | 6.171 | 9.777 | 13.569 | 15.700 | 23.175 |
| TOTAL OBS | 790 | 735 | 825 | 839 | 834 | 789 | 804 | 801 | 783 | 821 | 810 | 813 | 9620 |
| MEAN | 4.1 | 3.3 | 15.7 | 31.9 | 49.1 | 55.1 | 59.1 | 56.5 | 44.9 | 26.5 | 10.5 | -1.0 | 29.7 |
| STDEV | 15.219 | 17.428 | 13.132 | 9.887 | 7.991 | 8.046 | 7.271 | 7.317 | 7.435 | 9.663 | 13.386 | 15.680 | 24.780 |
| TOTAL OBS | 799 | 737 | 824 | 810 | 834 | 788 | 801 | 801 | 786 | 822 | 810 | 817 | 9626 |
| MEAN | 5.7 | 8.0 | 20.6 | 36.1 | 52.9 | 58.2 | 62.8 | 60.5 | 49.1 | 29.5 | 13.0 | .1 | 33.1 |
| STDEV | 17.376 | 16.534 | 12.511 | 9.743 | 8.306 | 8.432 | 8.019 | 8.232 | 8.713 | 9.455 | 12.602 | 15.111 | 25.396 |
| TOTAL OBS | 800 | 738 | 825 | 810 | 834 | 788 | 803 | 800 | 782 | 823 | 810 | 816 | 9629 |
| MEAN | 6.1 | 9.1 | 22.5 | 37.1 | 53.7 | 59.6 | 63.8 | 61.8 | 49.9 | 29.3 | 12.0 | -1.2 | 33.3 |
| STDEV | 17.596 | 16.264 | 12.506 | 9.444 | 8.373 | 8.596 | 8.470 | 8.834 | 9.261 | 9.831 | 13.125 | 15.311 | 25.526 |
| TOTAL OBS | 692 | 672 | 781 | 810 | 832 | 741 | 701 | 640 | 659 | 737 | 806 | 778 | 9849 |
| MEAN | 6.7 | 8.9 | 19.4 | 34.7 | 51.7 | 56.5 | 61.5 | 59.0 | 46.0 | 28.8 | 12.6 | -1.6 | 32.6 |
| STDEV | 15.345 | 17.423 | 12.553 | 8.720 | 7.858 | 7.667 | 7.594 | 8.473 | 8.592 | 8.778 | 12.681 | 16.676 | 23.607 |
| TOTAL OBS | 399 | 395 | 666 | 620 | 605 | 454 | 497 | 544 | 541 | 549 | 586 | 522 | 6378 |
| MEAN | 9.3 | 6.9 | 17.0 | 29.8 | 46.3 | 52.2 | 57.1 | 54.9 | 42.9 | 28.3 | 14.0 | -1.3 | 30.3 |
| STDEV | 14.533 | 18.331 | 12.616 | 9.295 | 6.909 | 6.436 | 6.083 | 6.668 | 6.913 | 8.849 | 12.042 | 16.799 | 22.402 |
| TOTAL OBS | 443 | 397 | 591 | 538 | 547 | 484 | 525 | 529 | 504 | 526 | 518 | 530 | 6137 |
| MEAN | 5.5 | 4.8 | 16.5 | 31.0 | 47.2 | 53.5 | 57.9 | 55.4 | 44.4 | 27.0 | 11.2 | -1.0 | 29.5 |
| STDEV | 17.462 | 17.646 | 13.703 | 10.491 | 8.959 | 8.416 | 7.925 | 8.370 | 8.218 | 9.701 | 13.235 | 15.704 | 23.985 |
| TOTAL OBS | 5445 | 5054 | 6385 | 5940 | 6077 | 5555 | 5670 | 5635 | 5548 | 5888 | 5948 | 5895 | 68740 |

JOINT CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-81 TATALINA AFS AK

73-81

| | | YEARS | | | | | | | | | | | | ALL HOURS | |
|-------|-----------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-----------|------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | S.D. |
| 7-10 | MEAN | 5.6 | 2.0 | 12.6 | 24.4 | 37.6 | 44.8 | 53.0 | 49.9 | 39.5 | 24.5 | 7.6 | -1.9 | 24.7 | |
| | S.D. | 15.73 | 17.19 | 12.74 | 8.61 | 5.11 | 4.31 | 3.75 | 5.03 | 5.60 | 9.03 | 13.11 | 14.94 | 20.93 | |
| | TOTAL OBS | 709 | 664 | 747 | 730 | 757 | 718 | 735 | 719 | 714 | 787 | 796 | 795 | 8671 | |
| 11-14 | MEAN | 5.3 | 1.2 | 11.1 | 23.1 | 36.0 | 43.8 | 48.9 | 47.3 | 38.4 | 23.5 | 9.0 | -1.2 | 24.1 | |
| | S.D. | 15.97 | 17.18 | 13.26 | 8.87 | 4.88 | 4.38 | 3.66 | 5.20 | 5.56 | 9.12 | 13.34 | 15.13 | 20.69 | |
| | TOTAL OBS | 752 | 711 | 823 | 810 | 833 | 789 | 803 | 800 | 779 | 819 | 810 | 809 | 8576 | |
| 15-18 | MEAN | 5.0 | .6 | 10.6 | 23.9 | 35.0 | 45.4 | 50.3 | 48.2 | 38.5 | 23.2 | 8.9 | -1.3 | 24.4 | |
| | S.D. | 16.00 | 17.17 | 13.40 | 9.07 | 4.56 | 4.69 | 3.74 | 5.26 | 5.73 | 9.36 | 13.31 | 15.32 | 21.36 | |
| | TOTAL OBS | 759 | 731 | 825 | 810 | 834 | 789 | 804 | 801 | 783 | 821 | 810 | 810 | 8576 | |
| 19-22 | MEAN | 5.0 | 2.9 | 14.3 | 28.2 | 41.9 | 48.5 | 53.1 | 51.5 | 41.5 | 25.1 | 10.0 | -1.2 | 26.9 | |
| | S.D. | 16.12 | 16.69 | 12.32 | 8.52 | 5.40 | 5.26 | 4.34 | 5.35 | 6.08 | 9.05 | 13.06 | 15.37 | 22.03 | |
| | TOTAL OBS | 770 | 734 | 822 | 809 | 834 | 788 | 801 | 871 | 785 | 820 | 810 | 816 | 8592 | |
| 23-26 | MEAN | 5.9 | 7.2 | 18.5 | 31.4 | 43.9 | 50.0 | 54.8 | 53.5 | 43.8 | 27.3 | 12.3 | -.1 | 29.1 | |
| | S.D. | 16.14 | 15.57 | 11.46 | 7.90 | 5.43 | 5.07 | 4.36 | 5.54 | 6.47 | 8.59 | 12.24 | 14.76 | 21.69 | |
| | TOTAL OBS | 786 | 735 | 823 | 810 | 834 | 788 | 803 | 800 | 782 | 821 | 810 | 815 | 8627 | |
| 27-30 | MEAN | 6.2 | 8.1 | 20.2 | 32.1 | 44.4 | 50.6 | 55.0 | 54.0 | 44.1 | 27.3 | 11.4 | -1.3 | 29.0 | |
| | S.D. | 16.36 | 15.56 | 11.34 | 7.53 | 5.44 | 4.96 | 4.40 | 5.66 | 6.64 | 8.92 | 12.74 | 14.99 | 21.82 | |
| | TOTAL OBS | 679 | 672 | 780 | 810 | 832 | 741 | 701 | 640 | 659 | 736 | 805 | 777 | 8832 | |
| 31-34 | MEAN | 6.2 | 7.9 | 17.5 | 30.5 | 43.5 | 49.3 | 54.5 | 52.6 | 41.8 | 27.1 | 12.1 | -1.8 | 29.0 | |
| | S.D. | 14.68 | 16.61 | 11.54 | 7.11 | 5.21 | 4.40 | 4.11 | 5.86 | 6.70 | 8.13 | 12.62 | 15.36 | 20.91 | |
| | TOTAL OBS | 399 | 395 | 863 | 620 | 605 | 454 | 497 | 544 | 541 | 547 | 585 | 516 | 6366 | |
| 35-38 | MEAN | 6.6 | 6.2 | 15.4 | 26.9 | 40.5 | 46.9 | 52.1 | 50.4 | 40.0 | 26.9 | 13.4 | -1.1 | 27.7 | |
| | S.D. | 14.11 | 17.16 | 11.78 | 8.31 | 5.28 | 3.98 | 3.86 | 5.25 | 6.03 | 8.32 | 11.76 | 16.37 | 20.57 | |
| | TOTAL OBS | 448 | 396 | 588 | 536 | 547 | 484 | 525 | 529 | 503 | 523 | 517 | 501 | 5117 | |
| 39-42 | MEAN | 6.0 | 4.2 | 14.9 | 27.5 | 40.7 | 47.3 | 52.2 | 50.7 | 40.9 | 25.5 | 10.6 | -1.1 | 26.7 | |
| | S.D. | 15.83 | 16.88 | 12.76 | 8.95 | 6.06 | 5.30 | 4.64 | 5.88 | 6.45 | 9.02 | 12.72 | 15.31 | 21.38 | |
| | TOTAL OBS | 530 | 503 | 671 | 593 | 676 | 551 | 569 | 564 | 554 | 587 | 594 | 565 | 6449 | |

1. J. AL CLIMATOLOGY BRANCH
2. J. AL
3. WEATHER SERVICE/4AC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

4. TATACOVA AFB AK

73-31

| | AN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| MEAN | -5.5 | -4.0 | 5.7 | 18.5 | 31.2 | 39.3 | 46.3 | 46.1 | 38.6 | 21.1 | 5.5 | -6.7 | 21.7 |
| STDEV | 17.997 | 19.336 | 14.239 | 13.214 | 6.385 | 5.485 | 4.666 | 5.521 | 6.537 | 9.861 | 14.723 | 17.542 | 22.163 |
| TOTAL OBS | 702 | 664 | 747 | 730 | 757 | 716 | 735 | 719 | 714 | 787 | 796 | 795 | 8671 |
| MEAN | -5.5 | -4.6 | 5.4 | 17.6 | 31.4 | 39.5 | 45.6 | 45.0 | 35.8 | 20.3 | 4.9 | -6.2 | 19.7 |
| STDEV | 18.646 | 19.421 | 14.671 | 13.356 | 6.192 | 5.411 | 4.581 | 5.716 | 6.544 | 9.392 | 14.389 | 17.821 | 22.164 |
| TOTAL OBS | 752 | 711 | 822 | 805 | 833 | 789 | 803 | 800 | 779 | 819 | 810 | 859 | 9536 |
| MEAN | -1.2 | -0.2 | 5.1 | 18.1 | 31.7 | 40.6 | 46.9 | 45.6 | 35.6 | 20.2 | 4.8 | -6.4 | 19.9 |
| STDEV | 18.704 | 19.641 | 14.795 | 13.456 | 5.893 | 5.292 | 4.155 | 5.631 | 6.581 | 9.091 | 14.814 | 18.785 | 22.661 |
| TOTAL OBS | 752 | 731 | 825 | 809 | 834 | 782 | 804 | 801 | 783 | 821 | 810 | 810 | 9576 |
| MEAN | -1.2 | -3.2 | 8.3 | 21.7 | 33.1 | 42.0 | 46.1 | 47.2 | 37.4 | 21.4 | 5.8 | -6.3 | 21.3 |
| STDEV | 18.695 | 18.726 | 13.625 | 9.781 | 6.112 | 5.589 | 4.520 | 5.698 | 6.647 | 9.935 | 14.715 | 18.300 | 22.055 |
| TOTAL OBS | 77 | 734 | 822 | 809 | 834 | 788 | 801 | 801 | 785 | 823 | 810 | 816 | 9590 |
| MEAN | -5.5 | .7 | 11.6 | 22.3 | 33.3 | 42.2 | 46.2 | 47.6 | 38.0 | 22.6 | 7.6 | -6.4 | 22.5 |
| STDEV | 18.774 | 17.426 | 12.750 | 8.917 | 6.480 | 5.613 | 4.751 | 6.161 | 6.909 | 9.660 | 14.336 | 17.152 | 21.662 |
| TOTAL OBS | 785 | 735 | 823 | 810 | 834 | 788 | 803 | 800 | 782 | 821 | 810 | 815 | 9677 |
| MEAN | .5 | 1.8 | 13.4 | 23.4 | 33.4 | 42.1 | 47.8 | 47.5 | 37.8 | 22.7 | 7.0 | -6.6 | 22.2 |
| STDEV | 19.363 | 17.427 | 12.370 | 8.622 | 6.836 | 5.623 | 5.141 | 6.326 | 6.821 | 9.827 | 14.372 | 17.779 | 21.634 |
| TOTAL OBS | 672 | 672 | 780 | 810 | 832 | 741 | 701 | 640 | 659 | 736 | 805 | 777 | 8832 |
| MEAN | 3.1 | 2.0 | 15.9 | 22.6 | 33.3 | 42.5 | 48.7 | 47.1 | 36.9 | 23.3 | 7.9 | -7.4 | 23.0 |
| STDEV | 16.705 | 13.172 | 12.736 | 8.501 | 6.274 | 4.964 | 4.571 | 6.386 | 6.940 | 9.051 | 14.379 | 19.771 | 21.187 |
| TOTAL OBS | 392 | 395 | 663 | 620 | 605 | 454 | 497 | 544 | 541 | 547 | 585 | 516 | 5366 |
| MEAN | 3.6 | .2 | 9.2 | 20.4 | 33.1 | 41.5 | 47.9 | 46.4 | 36.2 | 23.6 | 9.5 | -6.5 | 22.6 |
| STDEV | 16.075 | 18.833 | 13.065 | 9.995 | 6.676 | 4.859 | 4.460 | 5.996 | 6.700 | 9.237 | 13.446 | 19.449 | 21.281 |
| TOTAL OBS | 443 | 396 | 588 | 536 | 547 | 484 | 525 | 529 | 503 | 523 | 517 | 501 | 6117 |
| MEAN | .0 | -1.9 | 8.8 | 20.5 | 32.4 | 41.2 | 47.4 | 46.5 | 36.8 | 21.7 | 6.4 | -6.3 | 21.2 |
| STDEV | 18.373 | 16.668 | 13.894 | 9.889 | 6.408 | 5.513 | 4.708 | 5.976 | 6.749 | 9.819 | 14.542 | 18.359 | 22.063 |
| TOTAL OBS | 5302 | 5038 | 6071 | 5932 | 6076 | 5551 | 5669 | 5634 | 5546 | 5874 | 5943 | 5859 | 68495 |

USAFETAC 73-89-5 (OLA)

MAN: M

1

RELATIVE HUMIDITY

STATION NAME

PERIOD

400

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]FORM
11-1-64

0-87-5 (OL ▲)

| STATION | STATION NAME | PERIOD | MONTH |
|---------|--------------|--------|-------|
|---------|--------------|--------|-------|

[illegible]

| STATION | STATION NAME | PERIOD | MONTH |
|---------|--------------|--------|-------|
|---------|--------------|--------|-------|

[illegible]FORM
JUL 64

RELATIVE HUMIDITY

11-52

STATION

STATION NAME

PERIOD

MONTH

[illegible]

USAFETAC FORM 0-87-5 (OL A)

FORM
JAN 64

| STATION | STATION NAME | PERIOD | MONTH |
|---------|-----------------|--------|-------|
| | ITALIANA APO AK | | |

[illegible]

USAFETAC
 WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION: TATULINA AFS AK PERIOD: 11-11 MONTH: 11-11

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 11-1 | 11-1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 1 |
| 11-2 | 11-2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 2 |
| 11-3 | 11-3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| 11-4 | 11-4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 4 |
| 11-5 | 11-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 5 |
| 11-6 | 11-6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 6 |
| 11-7 | 11-7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 7 |
| 11-8 | 11-8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 8 |
| 11-9 | 11-9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 9 |
| 11-10 | 11-10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 |
| 11-11 | 11-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 11 |
| 11-12 | 11-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 11-13 | 11-13 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 13 |
| 11-14 | 11-14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 14 |
| 11-15 | 11-15 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 15 |
| 11-16 | 11-16 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 16 |
| 11-17 | 11-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 17 |
| 11-18 | 11-18 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 18 |
| 11-19 | 11-19 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 19 |
| 11-20 | 11-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 20 |
| 11-21 | 11-21 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 21 |
| 11-22 | 11-22 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 22 |
| 11-23 | 11-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 23 |
| 11-24 | 11-24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 24 |
| 11-25 | 11-25 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 25 |
| 11-26 | 11-26 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 26 |
| 11-27 | 11-27 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 27 |
| 11-28 | 11-28 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 28 |
| 11-29 | 11-29 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 29 |
| 11-30 | 11-30 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 30 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 30 |

1. *Pharmaceutical industry*—United States—History—20th century—Congresses. I. *Pharmaceutical industry*—United States—History—20th century—Congresses. II. *Pharmaceutical industry*—United States—History—20th century—Congresses.

100

MONTH

[illegible]

ALBUQUERQUE, N.M.
 1954
 JANUARY - DECEMBER

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|----------------|--|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90 | | |
| 1 | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 2 | 6-10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 3 | 11-15 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 4 | 16-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 5 | 21-25 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 6 | 26-30 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 7 | 31 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 8 | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 9 | 6-10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 10 | 11-15 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 11 | 16-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 12 | 21-25 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 1000 |

USAPETAC

FORM
 JAN 64

0-87-5 (OL A)

STATION

STATION NAME

PERIOD

MONTH

[illegible]

| STATION | STATION NAME | PERIOD | MONTH |
|---------|--------------|--------|-------|
|---------|--------------|--------|-------|

[illegible]

STATION

STATION NAME

PERIOD

MONTH

MONTH

HOURS

PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN

MEAN
RELATIVE
HUMIDITY

TOTAL
NO OF
OBS

[illegible]

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS

MONTH

[illegible]

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

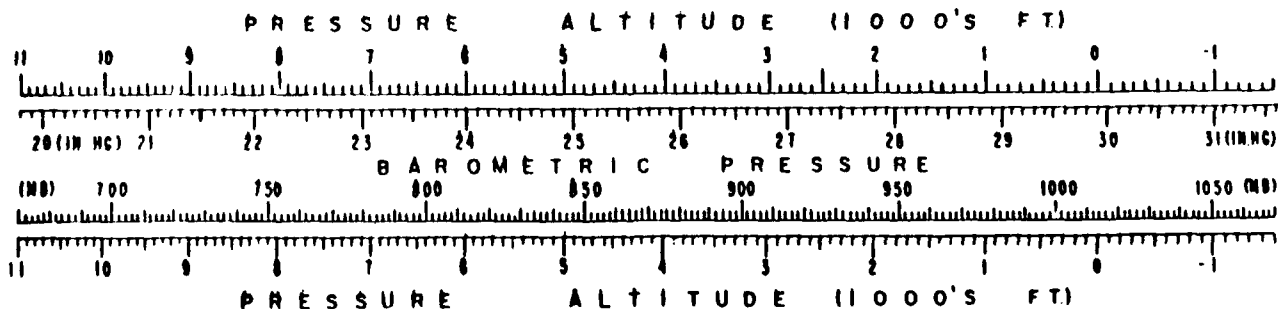
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



2

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

73-51

• 465

| | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN A | | |
|---|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | MEAN | 73.423 | 69.124 | 68.128 | 75.328 | 74.523 | 85.478 | 87.828 | 86.628 | 72.128 | 56.928 | 53.628 | 67.733 |
| | ST | .440 | .386 | .283 | .272 | .245 | .183 | .166 | .210 | .251 | .313 | .421 | .479 |
| | TOTAL OBS | 273 | 234 | 275 | 270 | 277 | 261 | 266 | 266 | 256 | 272 | 270 | 273 |
| 2 | MEAN | 72.728 | 69.326 | 67.828 | 75.328 | 75.123 | 86.128 | 88.128 | 86.728 | 72.228 | 56.728 | 53.428 | 67.233 |
| | ST | .442 | .390 | .283 | .294 | .246 | .185 | .169 | .210 | .253 | .313 | .420 | .478 |
| | TOTAL OBS | 271 | 246 | 275 | 270 | 273 | 263 | 266 | 267 | 261 | 273 | 270 | 274 |
| 3 | MEAN | 72.623 | 69.423 | 68.228 | 75.728 | 75.923 | 86.528 | 88.828 | 87.128 | 72.928 | 57.128 | 53.728 | 67.133 |
| | ST | .437 | .388 | .282 | .294 | .246 | .186 | .168 | .212 | .255 | .315 | .396 | .479 |
| | TOTAL OBS | 271 | 246 | 275 | 269 | 278 | 263 | 268 | 267 | 261 | 274 | 270 | 274 |
| 4 | MEAN | 73.523 | 70.228 | 68.728 | 75.828 | 75.226 | 85.928 | 88.828 | 87.128 | 73.228 | 57.928 | 54.428 | 69.133 |
| | ST | .434 | .386 | .281 | .270 | .244 | .188 | .163 | .212 | .255 | .314 | .421 | .478 |
| | TOTAL OBS | 271 | 246 | 275 | 270 | 273 | 263 | 263 | 267 | 260 | 274 | 270 | 274 |
| 5 | MEAN | 72.728 | 69.028 | 67.628 | 74.628 | 73.623 | 84.528 | 87.328 | 85.728 | 71.928 | 57.228 | 53.628 | 67.533 |
| | ST | .431 | .389 | .283 | .288 | .241 | .187 | .166 | .208 | .254 | .314 | .422 | .481 |
| | TOTAL OBS | 271 | 246 | 275 | 275 | 276 | 263 | 267 | 266 | 260 | 275 | 271 | 272 |
| 6 | MEAN | 71.328 | 69.628 | 64.726 | 73.128 | 72.228 | 82.728 | 85.628 | 82.428 | 68.728 | 54.628 | 52.928 | 68.733 |
| | ST | .421 | .401 | .279 | .278 | .241 | .188 | .153 | .213 | .258 | .314 | .403 | .473 |
| | TOTAL OBS | 223 | 215 | 255 | 270 | 277 | 247 | 231 | 275 | 213 | 241 | 169 | 255 |
| 7 | MEAN | 68.628 | 70.428 | 65.828 | 74.328 | 73.228 | 84.528 | 86.328 | 83.628 | 72.028 | 53.728 | 51.328 | 74.533 |
| | ST | .469 | .386 | .278 | .297 | .230 | .190 | .159 | .212 | .248 | .308 | .422 | .454 |
| | TOTAL OBS | 124 | 123 | 220 | 198 | 192 | 142 | 159 | 179 | 179 | 170 | 167 | 160 |
| 8 | MEAN | 67.128 | 67.428 | 67.828 | 74.028 | 75.128 | 85.928 | 87.028 | 83.728 | 71.328 | 54.728 | 57.428 | 73.933 |
| | ST | .438 | .367 | .281 | .294 | .230 | .186 | .166 | .204 | .255 | .308 | .421 | .447 |
| | TOTAL OBS | 191 | 169 | 218 | 235 | 215 | 204 | 206 | 209 | 203 | 207 | 183 | 214 |
| 9 | MEAN | 71.928 | 69.228 | 67.428 | 74.828 | 74.428 | 85.228 | 87.628 | 85.628 | 71.928 | 56.328 | 53.128 | 69.333 |
| | ST | .438 | .387 | .281 | .291 | .241 | .187 | .163 | .210 | .253 | .313 | .424 | .435 |
| | TOTAL OBS | 1835 | 1725 | 2068 | 2022 | 2073 | 1936 | 1965 | 1926 | 1897 | 1986 | 1969 | 1995 |

[illegible]

2
 FEDERAL CLIMATOLOGY BRANCH
 AFSSAC
 NATIONAL SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

CATALINA AFB AM

73-81

| | AN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | ANN. A |
|----------|---|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| MEAN | 1011.21179.41378.81010.61009.71013.31013.91013.61008.81004.31077.51079.4 | 1010.3 | | | | | | | | | | |
| STDEV | 15.34213.76610.34510.425 | 9.647 | 6.454 | 5.803 | 7.453 | 3.802 | 11.054 | 14.325 | 15.449 | 11.443 | | |
| STDEV DB | 233 | 234 | 275 | 270 | 277 | 261 | 266 | 266 | 258 | 272 | 270 | 273 |
| MEAN | 1011.11079.31006.71010.71079.91113.51014.01013.61009.01004.21007.41009.4 | 1010.1 | | | | | | | | | | |
| STDEV | 15.75513.89710.33710.436 | 8.663 | 6.561 | 5.896 | 7.511 | 6.911 | 11.117 | 14.313 | 15.476 | 11.510 | | |
| STDEV DB | 271 | 246 | 275 | 270 | 278 | 263 | 263 | 267 | 261 | 273 | 270 | 274 |
| MEAN | 1011.11119.91008.91010.191010.21013.71014.31013.71009.21004.41007.61009.4 | 1010.3 | | | | | | | | | | |
| STDEV | 15.57513.81910.33810.437 | 8.652 | 6.572 | 5.884 | 7.579 | 9.316 | 11.116 | 14.238 | 15.442 | 11.477 | | |
| STDEV DB | 271 | 246 | 275 | 269 | 278 | 263 | 263 | 267 | 261 | 273 | 270 | 274 |
| MEAN | 1011.41010.21009.01010.791009.91013.41014.31013.71009.31004.51007.81009.7 | 1010.3 | | | | | | | | | | |
| STDEV | 15.45513.763 | 9.959 | 10.343 | 8.553 | 6.652 | 5.825 | 7.562 | 9.357 | 11.116 | 14.238 | 15.442 | 11.477 |
| STDEV DB | 271 | 246 | 275 | 269 | 278 | 263 | 263 | 267 | 261 | 273 | 270 | 274 |
| MEAN | 1011.41010.21009.01010.791009.91013.41014.31013.71009.31004.51007.81009.7 | 1010.3 | | | | | | | | | | |
| STDEV | 15.45513.763 | 9.959 | 10.343 | 8.553 | 6.652 | 5.825 | 7.562 | 9.357 | 11.116 | 14.238 | 15.442 | 11.477 |
| STDEV DB | 271 | 246 | 275 | 269 | 278 | 263 | 263 | 267 | 261 | 273 | 270 | 274 |
| MEAN | 1011.11079.71006.61010.331079.31013.01013.61013.21006.71074.31007.51006.3 | 1009.9 | | | | | | | | | | |
| STDEV | 11.33213.79710.31010.241 | 6.497 | 6.597 | 5.740 | 7.420 | 9.346 | 11.130 | 14.373 | 15.514 | 11.329 | | |
| STDEV DB | 271 | 246 | 275 | 270 | 278 | 263 | 267 | 266 | 259 | 275 | 270 | 272 |
| MEAN | 1010.31079.91007.51009.91008.91012.31013.21012.11007.71003.51007.31010.0 | 1009.3 | | | | | | | | | | |
| STDEV | 15.34314.234 | 9.676 | 10.223 | 4.488 | 6.649 | 5.287 | 7.402 | 9.163 | 11.121 | 14.436 | 15.544 | 11.417 |
| STDEV DB | 223 | 215 | 265 | 270 | 277 | 267 | 231 | 204 | 212 | 241 | 269 | 235 |
| MEAN | 1009.21079.91006.01010.31009.21013.01013.51012.61006.91003.11006.51013.4 | 1009.7 | | | | | | | | | | |
| STDEV | 15.51113.764 | 9.628 | 10.645 | 8.098 | 6.703 | 5.489 | 7.475 | 8.645 | 10.939 | 15.364 | 16.394 | 11.517 |
| STDEV DB | 124 | 123 | 222 | 178 | 193 | 142 | 159 | 182 | 179 | 171 | 167 | 162 |
| MEAN | 1008.91079.01008.61010.21009.91013.51013.71012.41006.61003.51006.21011.7 | 1009.7 | | | | | | | | | | |
| STDEV | 15.57313.201 | 9.387 | 10.460 | 8.083 | 6.625 | 5.816 | 7.225 | 9.347 | 10.829 | 15.387 | 16.146 | 11.445 |
| STDEV DB | 191 | 169 | 218 | 205 | 215 | 204 | 209 | 209 | 202 | 207 | 183 | 214 |
| MEAN | 1010.71009.71006.51013.51009.61013.21013.91113.21008.81004.11007.31010.1 | 1009.9 | | | | | | | | | | |
| STDEV | 15.61713.777 | 9.949 | 10.336 | 8.486 | 6.595 | 5.739 | 7.470 | 8.981 | 11.057 | 14.452 | 15.647 | 11.456 |
| STDEV DB | 1680 | 1725 | 2368 | 2024 | 2374 | 1906 | 1936 | 1926 | 194 | 1986 | 1969 | 1995 |

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